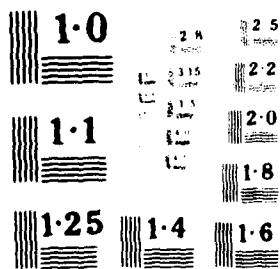


UNCLASSIFIED

ANSRACK AHP GERMANY LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LISQCS)(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. SEP 84
USAF TAC/DS-84/030 SRI-AD-E850 754 F/G 4/2

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F/G 4/2



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AD-A147 205

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

"LIMITED
CLIMATIC DATA"

80 SEP 1984

12 SEP 1984

FEDERAL BUILDING
ASHEVILLE, N. C.

DTIC
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REVIEW AND APPROVAL STATEMENT

I have reviewed the above information and find it to be true and correct. I am not aware of any other information that would affect the above statement.

Walter E. H. H. H.

Walter E. H. H. H.

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 REPORT TYPE AND DATES COVERED

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 GERMANY (WEST)

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ANBACH AHI, ANBACH AAP, KATTERBACH, GERMANY (WEST)

DD FORM 1473

EDITION OF 1964 IS OBSOLETE

CLASSIFICATION OF THIS PAGE (When Data Entered)

1. Percentage frequency of distribution table.
 dry-bulb temperature versus wet-bulb temperature
 Cumulative percentage frequency of distribution tables

• FEMANY (WEAT)

• FATTLEBA II

• NLEBA II AM

2. It contains the following parts: (A) Weather Conditions; (B) Surface Wind; (C) Ceiling Versus Visibility; (D) Psychrometric Summaries (psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (E) Pressure Summary (means, standard deviations and observation counts of station and/or sea-level pressure). Summaries in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future L-A standard products.

Account ☒
 NP ☐
 ID ☐
 Distribution ☐
 Distribution/ ☐
 Availability ☐
 Availability ☐
 Dist ☐
 A-1

OPERATING LOCATION "A"
USAFITAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOS)

DEFINITION: A BUSSWA-like set of summaries of hourly observations for the station's normal operating hours.

Hourly observations: These record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
2. A brief description precedes each summary.
3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

- Part 1: Weather Conditions
- Part 2: Surface Winds
- Part 3: Ceiling Versus Visibility; Sky Cover
- Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures;
Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
- Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION LOCATION AND INSTRUMENTATION HISTORY

IS MSC NO.	NAME OF STATION	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	MSC NUMBER			
17550	ANSBACH AHP GERMANY/KATTERBACH	N 49 14	E 010 38	1532	FLIP	17550			
NO	GEOGRAPHICAL LOCATION AND NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BANG	
1	Ansbach AAF Germany Same	AAF Same	May 46 Oct 65	May 47 Nov 65	N 49 19 Same	E 010 38 Same	1532 Same	1532 Same	24 Jan M-F Closed Sat 24
2	Same	Same	Dec 65	Jan 66	Same	Same	Same	Same	14
3	Same	Same	Nov 66	Dec 66	Same	Same	Same	Same	14 Daily
4	Same	Same	Nov 67	Dec 67	Same	Same	Same	Same	13 Daily
5									13 M-F
6									4-7 Sat Closed Sun
7	Same	ame	Mar 68	Apr 68	ame	Same	ame	ame	13 Daily
8	Same	ame	Sep 70	Oct 70	Same	Same	ame	ame	13 M-F
9	Same	ame	Jan 73	Feb 73	Same	Same	ame	ame	4-7 Sat Closed Sun
10	Same	ame	10 Jul 76	10 Aug 76	Same	Same	ame	ame	4-7 Sat Closed Sun
11	Ansbach AHP Germany/Katterbach	AAF	10 Oct 76	10 Nov 76	Same	Same	ame	ame	4-7 Sat Closed Sun
			This station is closed all American Holidays.						

NO	DATE OF CHANGE	SURFACE EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECEIVER	HT ABOVE GROUND	
1	May 46-May 47	Located on roof of operations bldg.	Relays	None	68 ft	
2	Oct 65-May 68	Located on top of observation tower.	Relays	None	41 ft	
3	Jun 68-Aug 70	Same	Relays	None	Same	
4	Sep 70-Dec 72	Located on Control Tower, 1/2 mile from ROS.	Relays	None	3 ft	
5	Jan 73-Dec 83	Same	Relays	None	3 ft	

REPORTING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART I

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms--All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze)--Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision--Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

NOTE - 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily affects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

WEATHER CONDITIONS

STATION: **ATKINS** **STATE: MISSISSIPPI**

PERIOD: **1954-1955** **YEARS**

JAN
MONTH

UNIT: **INCHES** **QUANTITY OF OCCURRENCE OF WEATHER**
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	WIND	TEMPERATURE	RAIN	FREEZING	SNOW	ICE	FOG	SMOKE	BLOWING	DUST	SAND	WIND	TOTAL
			INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES
1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
10	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
11	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
12	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
TOTAL	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

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WEATHER CONDITIONS

ANALYSIS OF AVERAGE OF 100 HOURS OF WEATHER
AFTER 100 HOURS OF HOURLY OBSERVATION

[illegible]

WEATHER CONDITIONS

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MONTH	THICKNESS OF SNOW	RAIN AND OR SLEET	FEET OF SNOW	SNOW AND OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLW WITH SNOW	% OF OBS WITH SNOW	% OF OBS WITH PRECIP	TOTAL NO. OF OBS.
JAN	1.0					100.0	40.7	8.0			100.0	17
FEB	1.0					100.0	53.7	11.7			100.0	12
MAR	1.0					100.0	7.0	10.0			100.0	6
APR	1.0					100.0	1.2	1.7			100.0	6
MAY	1.0					100.0	1.4	0.1			100.0	1
JUN	1.0					100.0	1.1	7.5			100.0	47
JUL	1.0					100.0	11.1	11.4			100.0	22
TOTALS	1.0					100.0	15.6	13.0			100.0	374

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1. 2. 3.

TEARS

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MONTH	NO. OF DAYS	RAIN AT 100 FT	RAIN AT 200 FT	SNOW AND ICE SHEET	HALE	% OF OBS. WITH PRECIP	FOG	SMOG AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS. WITH FOG, BL. SNOW, DUST, OR SAND	TOTAL NO. OF OBS.
1	1					100	400	100			50	151
2	1					100	100	100			70	606
3	1	0.2	0.0			100	90	90			70	624
4	1	0.1	0.7			70.7	100	100			75	607
5	1	1.0	0.4			100	100	100			60.9	605
6	1	0.0	0.0			00	40.5	00			13.0	609
7	1	0.0	0.0			00.3	100.7	100			77	754
TOTALS		0.0	0.9			50.9	150.4	130.1			25.0	3406

WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATH-
ER CONDITIONS FROM HOURLY OBSERVATION.

[illegible]

[illegible]

2000

WIND	TEMP	REL. HUM.	RAIN IN.	FREEZING RAIN IN.	SNOW AND ICE FALL	HAUL	WIND BEWIND PRESS.	TEMP.	SMOKE AT 1000 HAZ.	BLOWING SNOW	DIRT AND ICE FALL	WIND BEWIND TEMP.	TOTAL WIND
-	-	-	0.7				0.7	67.7	0.0			79.0	72.7
-	-	0	0.7				0.7	67.0	0.0			69.0	64.7
-	-	0	0.4				0.4	66.0	0.0			72.4	63.0
-	-	0	0.0				0.0	65.0	0.0			71.0	63.7
-	-	0.0	0.0				0.0	62.0	0.0			66.0	63.7
-	-	0	0				0	60.0	0.0			70.0	66.7
1-2	-	0	0.0				0	60.0	0.0			72.0	70
<hr/>													
TOTAL			1.8				1.8	64.2	0.0			74.0	74.7

WEATHER CONDITIONS

[illegible][illegible][illegible]

WEATHER CONDITIONS

[illegible]

1. The following information is being furnished to you for your information only. It is not to be used for any other purpose.

[illegible]

WEATHER CONDITIONS

1. The first step is to identify the problem or question that needs to be addressed. This involves understanding the context and the specific requirements of the task.

USAPETAC ^{PC 1244} ^{ALC 100} 0 1 5 Q A ^{PROCESSED BY THE U.S. AIR FORCE} ¹⁰⁰⁻¹⁰⁰⁰⁰⁰⁰⁰⁰⁰ ¹⁰⁰⁻¹⁰⁰⁰⁰⁰⁰⁰⁰⁰ ¹⁰⁰⁻¹⁰⁰⁰⁰⁰⁰⁰⁰⁰

[illegible]

2000

[illegible]

OPERATING LOCATION "A"
USAFETTA, ACHUVILLE IN

SURFACE WINDS

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: COLEMAN AFB, OKLAHOMA
STATION NO: 1000

PERIOD: 12-72, 72-84

YEARS

JAN

MONTH

ALL WEATHER
CLASS

HOURLY

CONDITION

WIND DIRECTION	1	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N																							
NNE																							
NE																							
ENE																							
E																							
ESE																							
SE																							
SSE																							
S																							
SSW																							
SW																							
WSW																							
W																							
WNW																							
NW																							
NNW																							
VARB																							
CALM																							

TOTAL NUMBER OF OBSERVATIONS

144

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS 474

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: AD - 1000 STATION NAME 10-10-10-10 YEARS JAN
CLASS HOURS

WIND DIRECTION	1-4	5-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N												5.0
NNE												5.0
NE												5.0
ENE												5.0
E												5.0
ESE												5.0
SE												5.0
SSE												5.0
S												5.0
SSW												5.0
SW												5.0
WSW												5.0
W												5.0
WNW												5.0
NW												5.0
NNW												5.0
VARIABLE												5.0
TOTAL												5.0

TOTAL NUMBER OF OBSERVATIONS 22

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME: [illegible] DATE: [illegible] YEAR: [illegible]
CLASS: [illegible] MONTH: [illegible]
LOCATION: [illegible]

WIND DIRECTION	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS: [illegible]

U.S. AIR FORCE
 10-11-78
 10-11-78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION: LEACH AFB, TEXAS
 DATE: 10-11-78
 CLASS: ALL WEATHER
 YEAR: 1978
 MONTH: JAN
 HOURS: 1-11

SPEED KNOTS	4	7	10	13	16	19	21	22	27	28	33	34	40	41	47	48	55	256	N	MEAN WIND SPEED
N																			0.2	9.2
NNE																			1.1	10.1
NE																			1.1	10.4
ENE																			1.1	10.7
E																			1.1	10.8
ESE																			1.1	10.7
SE																			1.1	10.7
SSE																			1.1	10.2
S																			1.1	10.2
SSW																			1.1	10.3
SW																			1.1	10.8
WSW																			1.1	10.9
W																			1.1	10.1
WNW																			1.1	10.1
NW																			1.1	10.7
NNW																			1.1	10.1
CALM																			1.1	10.7

TOTAL NUMBER OF OBSERVATIONS

101

1. NAME OF STATION
 2. LOCATION
 3. DATE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4. NAME OF OBSERVER
 5. DATE

75-15-75-15

1955

JAN

ALL WEATHER

HOUSE

1955

WIND DIRECTION	4-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N										0.1	0.1
NNE										0.1	0.1
N										0.1	0.1
NNE										0.1	0.1
E										0.1	0.1
ESE										0.1	0.1
E										0.1	0.1
ESE										0.1	0.1
S										0.1	0.1
SSE										0.1	0.1
S										0.1	0.1
SSE										0.1	0.1
SW										0.1	0.1
WSW										0.1	0.1
W										0.1	0.1
WNW										0.1	0.1
NW										0.1	0.1
NNW										0.1	0.1
CALM										0.1	0.1

TOTAL NUMBER OF OBSERVATIONS

431

DATA FROM THE 1980 CENSUS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	DATE	TIME	STATION NAME
1	10/10/10	10:00	STATION 1
2	10/10/10	10:05	STATION 2
3	10/10/10	10:10	STATION 3
4	10/10/10	10:15	STATION 4
5	10/10/10	10:20	STATION 5
6	10/10/10	10:25	STATION 6
7	10/10/10	10:30	STATION 7
8	10/10/10	10:35	STATION 8
9	10/10/10	10:40	STATION 9
10	10/10/10	10:45	STATION 10
11	10/10/10	10:50	STATION 11
12	10/10/10	10:55	STATION 12
13	10/10/10	11:00	STATION 13
14	10/10/10	11:05	STATION 14
15	10/10/10	11:10	STATION 15
16	10/10/10	11:15	STATION 16
17	10/10/10	11:20	STATION 17
18	10/10/10	11:25	STATION 18
19	10/10/10	11:30	STATION 19
20	10/10/10	11:35	STATION 20
21	10/10/10	11:40	STATION 21
22	10/10/10	11:45	STATION 22
23	10/10/10	11:50	STATION 23
24	10/10/10	11:55	STATION 24
25	10/10/10	12:00	STATION 25
26	10/10/10	12:05	STATION 26
27	10/10/10	12:10	STATION 27
28	10/10/10	12:15	STATION 28
29	10/10/10	12:20	STATION 29
30	10/10/10	12:25	STATION 30
31	10/10/10	12:30	STATION 31
32	10/10/10	12:35	STATION 32
33	10/10/10	12:40	STATION 33
34	10/10/10	12:45	STATION 34
35	10/10/10	12:50	STATION 35
36	10/10/10	12:55	STATION 36
37	10/10/10	13:00	STATION 37
38	10/10/10	13:05	STATION 38
39	10/10/10	13:10	STATION 39
40	10/10/10	13:15	STATION 40
41	10/10/10	13:20	STATION 41
42	10/10/10	13:25	STATION 42
43	10/10/10	13:30	STATION 43
44	10/10/10	13:35	STATION 44
45	10/10/10	13:40	STATION 45
46	10/10/10	13:45	STATION 46
47	10/10/10	13:50	STATION 47
48	10/10/10	13:55	STATION 48
49	10/10/10	14:00	STATION 49
50	10/10/10	14:05	STATION 50
51	10/10/10	14:10	STATION 51
52	10/10/10	14:15	STATION 52
53	10/10/10	14:20	STATION 53
54	10/10/10	14:25	STATION 54
55	10/10/10	14:30	STATION 55
56	10/10/10	14:35	STATION 56
57	10/10/10	14:40	STATION 57
58	10/10/10	14:45	STATION 58
59	10/10/10	14:50	STATION 59
60	10/10/10	14:55	STATION 60
61	10/10/10	15:00	STATION 61
62	10/10/10	15:05	STATION 62
63	10/10/10	15:10	STATION 63
64	10/10/10	15:15	STATION 64
65	10/10/10	15:20	STATION 65
66	10/10/10	15:25	STATION 66
67	10/10/10	15:30	STATION 67
68	10/10/10	15:35	STATION 68
69	10/10/10	15:40	STATION 69
70	10/10/10	15:45	STATION 70
71	10/10/10	15:50	STATION 71
72	10/10/10	15:55	STATION 72
73	10/10/10	16:00	STATION 73
74	10/10/10	16:05	STATION 74
75	10/10/10	16:10	STATION 75
76	10/10/10	16:15	STATION 76
77	10/10/10	16:20	STATION 77
78	10/10/10	16:25	STATION 78
79	10/10/10	16:30	STATION 79
80	10/10/10	16:3	

15. 72-24

FEADS

FEA
REPORT

ALL MATHEO
(CLASS

Figure 1

SECRET

[illegible]

TOTAL NUMBER OF OBSERVATIONS

11

Alfa Romeo, a company that has been a part of the automotive industry for over a century, is known for its iconic designs and engineering excellence. The company's history is filled with numerous achievements, including the development of the first mass-produced car, the 1901 509. This car was a significant milestone in the automotive industry, as it was the first to be produced in large quantities and sold at a price that made it accessible to the general public. Alfa Romeo's commitment to innovation and quality has led to the creation of many other iconic vehicles, including the 1911 1509, the 1921 1509, and the 1931 1509. These cars have not only shaped the company's reputation but have also influenced the design and engineering of modern automobiles. Today, Alfa Romeo continues to be a leader in the automotive industry, known for its distinctive styling and advanced technology. The company's legacy is a testament to its enduring commitment to excellence and innovation.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME: [blank] STATION NAME: [blank] DATE: [blank] YEAR: [blank]
ALL INFORMATION CLASS: [blank] HOURS: [blank]

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64-71	72-79	80-87	88-95	96-103	MEAN WIND SPEED
N																	0.0
NNE																	0.0
NE																	0.0
ENE																	0.0
E																	0.0
ESE																	0.0
SE																	0.0
SSE																	0.0
S																	0.0
SSW																	0.0
SW																	0.0
WSW																	0.0
W																	0.0
WNW																	0.0
NW																	0.0
NNW																	0.0
VARIABLE																	0.0
CALM																	0.0

TOTAL NUMBER OF OBSERVATIONS: 22

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

- - - - -

STATION NAME

15-12-24

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

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2008-09-08

[illegible]

TOTAL NUMBER OF OBSERVATIONS

22

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

U.S. DEPARTMENT OF COMMERCE
 NATIONAL MARINE FISHERIES SERVICE
 BUREAU OF MARINE RESEARCH

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: STATION NAME: DATE: YEAR:
CLASS: HOURS:

WIND DIRECTION	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	56	57	MEAN WIND SPEED
N																						0.2
NNE																						0.7
NE																						0.9
ENE																						0.4
E																						7.3
ESE																						6.5
SE																						3.5
SSE																						5.7
S																						2.4
SSW																						5.5
SW																						7.3
WSW																						9.0
W																						1.0
WNW																						5.7
NW																						7.6
NNW																						7.1
VABBL																						7.0
CALM																						2.2

TOTAL NUMBER OF OBSERVATIONS

24

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

LEACHMAN, MARY
STATION NAME

1910-1911-1912

YEARS

FEET
HEIGHT

ALL WEATHER
CLASS

HOUSE LOT

WIND DIRECTION	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	N	MEAN WIND SPEED
N																						0.0
NNE																						0.0
NE																						0.0
ENE																						0.0
E																						0.0
ESE																						0.0
SE																						0.0
SSE																						0.0
S																						0.0
SSW																						0.0
SW																						0.0
WSW																						0.0
W																						0.0
WNW																						0.0
NW																						0.0
NNW																						0.0
VARBL																						0.0
CALM																						0.0

TOTAL NUMBER OF OBSERVATIONS

ALL A. 1 PM 1910-1911-1912

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

STATION NAME
 DATE
 YEAR

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: STATION NAME DATE YEAR FEB
ALL WINDS HOURS HOURS

WIND DIRECTION	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
CALM												

TOTAL NUMBER OF OBSERVATIONS

OL A

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

1997年12月 第1期

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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

STATION NAME
 LOCATION
 DATE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: STATION NAME DATE YEAR
 ALL WINDS CLASS HOURS
 POSITION

WIND DIRECTION	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N																					6.4
NNE																					2.8
NE																					7.1
ENE																					6.0
E																					4.2
ESE																					6.0
SE																					3.0
SSE																					4.0
S																					3.3
SSW																					3.0
SW																					6.0
WSW																					7.0
W																					7.5
WNW																					9.0
NW																					3.0
NNW																					3.7
VARBL																					3.0
CALM																					3.0

TOTAL NUMBER OF OBSERVATIONS

ASST. STATION MASTER

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: STATION NAME: 4-7-7-7-7-7 YEARS: CAR
CLASS: MONTH:
INITIAL: HOUSE:

WIND DIRECTION	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N																					6.2
NNE																					5.2
NE																					4.2
NNE																					3.2
E																					2.2
ESE																					1.2
SE																					0.2
SSE																					0.2
S																					0.2
SSW																					0.2
SW																					0.2
WSW																					0.2
W																					0.2
WNW																					0.2
NW																					0.2
NNW																					0.2
VARIABLE																					0.2
TOTAL																					0.2

TOTAL NUMBER OF OBSERVATIONS

ALPHA: DATA: NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

體(氣)血(血)神(神)

09-08

TOTAL NUMBER OF OBSERVATIONS

Q. A. Yes, I am. I am a member of the American Association of University Professors.

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NOV 21 1967

[illegible]

212

STATION NAME
 LOCATION
 DATE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NO. DATE

1970-1971

YEARS

WIND
 DIRECTION

WIND
 CLASS

WIND
 CLASS

WIND DIRECTION	1	4	6	7	10	11	15	17	21	22	27	28	33	34	40	41	47	48	55	≥56	%	MEAN WIND SPEED
N																					3.0	3.0
NNE																					3.0	3.0
NE																					3.0	3.0
ENE																					3.0	3.0
E																					3.0	3.0
ESE																					3.0	3.0
SE																					3.0	3.0
SSE																					3.0	3.0
S																					3.0	3.0
SSW																					3.0	3.0
SW																					3.0	3.0
WSW																					3.0	3.0
W																					3.0	3.0
WNW																					3.0	3.0
NW																					3.0	3.0
NNW																					3.0	3.0
VARIABLE																					3.0	3.0
CALM																					3.0	3.0

TOTAL NUMBER OF OBSERVATIONS

1970-1971

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

1998

100-443887-100

1. *Journal of the American Medical Association*, 1990; 263: 1025-1028.

TABLE

44-38861-1001

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

NOV 19 1951

CONFIDENTIAL

[illegible]

TOTAL NUMBER OF OBSERVATIONS

44

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

YEAR

120

HOUSE - 25 -

(D.R.P. 2,038,400)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

—

ALL A ... OL A ...

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

678

STATE OF MAINE

• • • • •

98488

2000

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

1000

0000

[illegible]

TOTAL NUMBER OF OBSERVATIONS

13

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

STATION NAME
 LOCATION
 DATE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME
 STATION NAME

4-76-74-81
 YEARS

422
 MONTH

ALL WEATHER
 CLASS

4-76-74-81
 MONTH

STATION

WIND DIRECTION	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N											0.1	0.7
NNE											0.1	0.9
NE											0.1	1.1
ENE											0.1	1.3
E											0.1	1.5
ESE											0.1	1.7
SE											0.1	1.9
SSE											0.1	2.1
S											0.1	2.3
SSW											0.1	2.5
SW											0.1	2.7
WSW											0.1	2.9
W											0.1	3.1
WNW											0.1	3.3
NW											0.1	3.5
NNW											0.1	3.7
VAAB											0.1	3.9
CALM											0.1	4.1

TOTAL NUMBER OF OBSERVATIONS

422

APPROXIMATE WIND DIRECTION AND SPEED

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

DATE

STATION NAME

14-10-78-81

YEARS

APR
MAY

ALL - 17-00-
CLASS

HOUSE 11.5 T

CLASS

WIND DIRECTION	1	4	5	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	56	N	MEAN WIND SPEED
N	1.4	6.1
NNE	1.4	7.1
NE	1.4	7.1
ENE	1.4	7.1
E	1.4	7.1
ESE	1.4	7.1
SE	1.4	7.1
SSE	1.4	7.1
S	1.4	7.1
SSW	1.4	7.1
SW	1.4	7.1
WSW	1.4	7.1
W	1.4	7.1
WNW	1.4	7.1
NW	1.4	7.1
NNW	1.4	7.1
VARBL	1.4	7.1
CALM	1.4	7.1

TOTAL NUMBER OF OBSERVATIONS

252

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME

14-7414-4

422
80514

ALL PLAIN
CLASS

100-472
HOUSE (L.S.F.)

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[illegible]

TOTAL NUMBER OF OBSERVATIONS

242

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: LAKE CHARLES, MISSISSIPPI DATE: 1954-1955 YEARS: 2
 STATION NUMBER: 1111 MONTH: 12
 ALL WINDS CLASS: ALL HOURS: 24
 LOCATION: LAKE CHARLES, MISSISSIPPI

WIND DIRECTION	1	4	6	10	16	21	27	33	40	47	55	≥ 56	MEAN WIND SPEED
N	1	1	1	1	1	1	1	1	1	1	1	1	1.0
NNE	1	1	1	1	1	1	1	1	1	1	1	1	1.0
NE	1	1	1	1	1	1	1	1	1	1	1	1	1.0
ENE	1	1	1	1	1	1	1	1	1	1	1	1	1.0
E	1	1	1	1	1	1	1	1	1	1	1	1	1.0
ESE	1	1	1	1	1	1	1	1	1	1	1	1	1.0
SE	1	1	1	1	1	1	1	1	1	1	1	1	1.0
SSE	1	1	1	1	1	1	1	1	1	1	1	1	1.0
S	1	1	1	1	1	1	1	1	1	1	1	1	1.0
SSW	1	1	1	1	1	1	1	1	1	1	1	1	1.0
SW	1	1	1	1	1	1	1	1	1	1	1	1	1.0
WSW	1	1	1	1	1	1	1	1	1	1	1	1	1.0
W	1	1	1	1	1	1	1	1	1	1	1	1	1.0
WNW	1	1	1	1	1	1	1	1	1	1	1	1	1.0
NW	1	1	1	1	1	1	1	1	1	1	1	1	1.0
NNW	1	1	1	1	1	1	1	1	1	1	1	1	1.0
VARBL	1	1	1	1	1	1	1	1	1	1	1	1	1.0
CALM	1	1	1	1	1	1	1	1	1	1	1	1	1.0

TOTAL NUMBER OF OBSERVATIONS: 412

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

2007

100-244444

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

100-250000
HOUSE (S.F.)

TOTAL NUMBER OF OBSERVATIONS

△△△

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

DAY
MONTH

100-2-2000
NOV 08 1971

[illegible]

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

DATE

YEARS

DAY

MONTH

ALL WEATHER
CLASS

HOURLY OBS.

LONGITUDE

WIND DIRECTION	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	~	MEAN WIND SPEED
N																						4.0
NNE																						4.0
NE																						4.0
ENE																						4.0
E																						4.0
ESE																						4.0
SE																						4.0
SSE																						4.0
S																						4.0
SSW																						4.0
SW																						4.0
WSW																						4.0
W																						4.0
WNW																						4.0
NW																						4.0
NNW																						4.0
VABSL																						4.0
A.M.																						4.0

TOTAL NUMBER OF OBSERVATIONS

1.1

OL A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME

DATE

YEAR

DAY
MONTH

ALL WINDS
CLASS

NUMBER OF
HOURS

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N													0.0
NNE													0.0
NE													0.0
ENE													0.0
E													0.0
ESE													0.0
SE													0.0
SSE													0.0
S													0.0
SSW													0.0
SW													0.0
WSW													0.0
W													0.0
WNW													0.0
NW													0.0
NNW													0.0
YABBL													0.0
CALM													0.0

TOTAL NUMBER OF OBSERVATIONS

ALL DATA FROM THIS STATION ARE SUBJECT TO THE FOLLOWING CONDITIONS:

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

USAGM AFB GERMANY
STATION NAME

74-123

YEARS

MAY

ALL WEATHER
CLASS

100-123
HOUSE 1.87

CONDITION

SPEED KNOTS MPH	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N											1.0	4.0
NNE											1.0	4.0
NE											1.0	4.0
ENE											1.0	4.0
E											1.0	4.0
ESE											1.0	4.0
SE											1.0	4.0
SSE											1.0	4.0
S											1.0	4.0
SSW											1.0	4.0
SW											1.0	4.0
WSW											1.0	4.0
W											1.0	4.0
WNW											1.0	4.0
NW											1.0	4.0
NNW											1.0	4.0
VARBL											1.0	4.0
ALL											1.0	4.0

TOTAL NUMBER OF OBSERVATIONS

100

ALTA 1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0947 4000

200 2 1 2 46

978 1 4302 0402 8

25-26-1

years

DAY
MONTH

ALL IN A TYPICAL
CLASS

HOURS LEFT

1000 1000

[illegible]

TOTAL NUMBER OF OBSERVATIONS

431

Journal of Interpersonal Violence 26(10) 1978-1997
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1. *Pharmaceuticals*—The pharmaceutical industry is the largest and most profitable of the major industries in the United States. It is a highly competitive industry with a high degree of technological sophistication. The industry is characterized by a high degree of concentration, with a few large firms dominating the market. The industry is also characterized by a high degree of innovation, with new drugs being developed at a rapid pace.

STANDARD FORM NO. 64

YEARS



CLASS

HOUSE - 1 5 7

• 2010年10月10日

TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

ALL INFORMATION CONTAINED
 HEREIN IS UNCLASSIFIED
 DATE 08-14-01 BY 60322 UCBAW

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME AND LOCATION
 STATION NAME

DATE

YEAR

NORTH
 000-090

ALL INFORMATION
 CLASS

000-090
 HOURS (LST)

DIRECTION

SPEED KNOTS OR	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N																					2.5	3.0
NNE																					2.5	3.0
NE																					2.5	3.0
ENE																					2.5	3.0
E																					2.5	3.0
ESE																					2.5	3.0
SE																					2.5	3.0
SSE																					2.5	3.0
S																					2.5	3.0
SSW																					2.5	3.0
SW																					2.5	3.0
WSW																					2.5	3.0
W																					2.5	3.0
WNW																					2.5	3.0
NW																					2.5	3.0
NNW																					2.5	3.0
VARBL																					2.5	3.0
CALM																					2.5	3.0

TOTAL NUMBER OF OBSERVATIONS

100

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

WIND DIRECTION	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	N	MEAN WIND SPEED
N																						6.5
NNE																						6.8
NE																						4.7
ENE																						4.5
E																						4.2
ESE																						4.2
SE																						2.7
SSE																						3.4
S																						3.7
SSW																						3.9
SW																						5.3
WSW																						6.7
W																						7.4
WNW																						5.4
NW																						6.2
NNW																						4.5
VARBL																						5.3
CALM																						1.7

TOTAL NUMBER OF OBSERVATIONS 502

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME

14-00000

YEARS

結

ALL PLATONER

NOV 21 1964

(255) 1-48

[illegible]

TOTAL NUMBER OF OBSERVATIONS

423

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

STATION NAME
 LOCATION
 ALTITUDE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION

STATION NAME

DATE

YEAR

TIME

ALL WEATHER
 CLASS

HOURE

CONDITION

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
YARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

221

U.S. DEPARTMENT OF COMMERCE
BUREAU OF MARINE SERVICE
ATLANTA, GEORGIA

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME AND LOCATION
STATION NAME

DATE

YEAR

MOON

ALL WEATHER
CLASS

MOON
HOURS

CORRECTION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N												7.0	5.0
NNE												6.0	5.2
NE												5.0	5.2
ENE												4.0	5.4
E												4.0	5.4
ESE												3.0	5.5
SE												2.0	5.6
SSE												1.0	5.7
S												1.0	5.8
SSW												1.0	5.9
SW												1.0	6.0
WSW												1.0	6.1
W												1.0	6.2
WNW												1.0	6.3
NW												1.0	6.4
NNW												1.0	6.5
VARBL												1.0	6.6
CALM												1.0	6.7

TOTAL NUMBER OF OBSERVATIONS

615

ATLANTA, GA. 1964

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

THE UNIVERSITY OF CHICAGO

1-21

YEARS

JULY 1991

ALL MATHEO
CLASS

NUMBER 17

2022-2023

[illegible]

TOTAL NUMBER OF OBSERVATIONS

2-2-

1. A. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 84

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

PERIOD

YEARS

MOON

ALL WEATHER

HOURLY

CONTINUE

WIND DIRECTION	2	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N																						
NNE																						
NE																						
ENE																						
E																						
ESE																						
SE																						
SSE																						
S																						
SSW																						
SW																						
WSW																						
W																						
WNW																						
NW																						
NNW																						
VABBL																						
CALM																						
TOTAL																						

TOTAL NUMBER OF OBSERVATIONS

152

ALL DATA ARE FROM A SINGLE SOURCE AND ARE NOT CORRECTED FOR ANY BIAS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

DATE

YEAR

MO

ALL WEATHER
CLASS

HOURE (LST)

CONCLUSION

WIND DIRECTION	4	6	10	13	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	%	MEAN WIND SPEED
N																				5.5
NNE																				5.7
NE																				4.8
ENE																				4.8
E																				4.8
ESE																				4.8
SE																				4.8
SSE																				4.8
S																				4.8
SSW																				4.8
SW																				4.8
WSW																				4.8
W																				4.8
WNW																				4.8
NW																				4.8
NNW																				4.8
VABBL																				4.8
CALM																				4.8

TOTAL NUMBER OF OBSERVATIONS

121

APPROXIMATE WIND DIRECTION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME

DATE

YEAR

MONTH

ALL WEATHER
CLASS

HOURLY

CORRECTION

WIND DIRECTION	1	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N																					5.0	5.0
NNE																					5.0	5.0
NE																					5.0	5.0
ENE																					5.0	5.0
E																					5.0	5.0
ESE																					5.0	5.0
SE																					5.0	5.0
SSE																					5.0	5.0
S																					5.0	5.0
SSW																					5.0	5.0
SW																					5.0	5.0
WSW																					5.0	5.0
W																					5.0	5.0
WNW																					5.0	5.0
NW																					5.0	5.0
NNW																					5.0	5.0
VARIABLE																					5.0	5.0
CALM																					5.0	5.0

TOTAL NUMBER OF OBSERVATIONS

100

DATE

LOCATION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

DATE

YEAR

MO

ALL WEATHER
CLASS

HOURLY
HOURS (L.S.T.)

SECTION

WIND DIRECTION	2	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N																					4.0	0.4
NNE																					2.0	0.2
NE																					2.0	0.2
NNE																					2.0	0.2
E																					2.0	0.2
ESE																					2.0	0.2
E																					2.0	0.2
ESE																					2.0	0.2
S																					2.0	0.2
SSE																					2.0	0.2
S																					2.0	0.2
SSE																					2.0	0.2
SW																					2.0	0.2
WSW																					2.0	0.2
W																					2.0	0.2
WNW																					2.0	0.2
NW																					2.0	0.2
NNW																					2.0	0.2
NW																					2.0	0.2
ALL																					2.0	0.2
A.M.																					2.0	0.2

TOTAL NUMBER OF OBSERVATIONS

622

APPROX. TIME OF DAY

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

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NOV 1963

[illegible]

4. 2. 2.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

U. S. DEPARTMENT OF COMMERCE
BUREAU OF MARINE SERVICE
AT WASHINGTON, D. C.

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME
STATION NUMBER

1900

YEARS

1900

ALL WINDS
CLASS

1900-1900
HOURLY OBS.

WIND DIRECTION	1	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	N	MEAN WIND SPEED
N																							6.0
NNE																							6.0
NE																							6.0
ENE																							5.0
E																							4.0
ESE																							4.0
SE																							5.0
SSE																							5.0
S																							5.0
SSW																							5.0
SW																							5.0
WSW																							5.0
W																							5.0
WNW																							5.0
NW																							5.0
NNW																							5.0
VARIABLE																							5.0
CALM																							5.0

TOTAL NUMBER OF OBSERVATIONS

1900

DATA FROM 1900 TO 1900

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

674

THE UNIVERSITY OF CHICAGO PRESS

1. 2. 3. 4.

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808

1990

NOV 19 1957

[illegible]

TOTAL NUMBER OF OBSERVATIONS

49

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

1. NAME OF STATION: ...
 2. LOCATION: ...

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION: ...

DATE: ...

YEAR: ...

MONTH: ...

ALL ...

...

...

SPEED KNOTS PER HOUR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	...	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM													

TOTAL NUMBER OF OBSERVATIONS

...

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME

14-5

YEARS

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

FORM NO. 10-1

• **•**

[illegible]

TOTAL NUMBER OF OBSERVATIONS

422

100-443887-100

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME
LEACH AND COMPANY

74-83

YEARS

AUG
8000

ALL WEATHER
CLASS

100-100
HOURS PER YEAR

CONDITION

SPEED ENTER	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
ALM													

TOTAL NUMBER OF OBSERVATIONS

542

DATA FROM CONTROL A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME
STATION NUMBER

STATION NAME
STATION NUMBER

ALL WEATHER
CLASS

YEARS

ADP
NOTED

1200-1200
HOURS (LST)

SPEED KNOTS DIR	2 3	4 6	7 10	11 16	17 21	22 27	28 31	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N												1.4	3.0
NNE												1.4	3.0
NE												1.6	3.0
ENE												1.5	3.0
E												1.5	3.0
ESE												1.5	3.0
SE												1.5	3.0
SSE												1.5	3.0
S												1.5	3.0
SSW												1.5	3.0
SW												1.5	3.0
WSW												1.5	3.0
W												1.5	3.0
WNW												1.5	3.0
NW												1.5	3.0
NNW												1.5	3.0
VARBL												1.5	3.0
CALM												1.5	3.0

TOTAL NUMBER OF OBSERVATIONS

521

ALL DATA FROM THIS STATION ARE FROM 1951

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME
LEIPZIG, GERMANY

DATE

YEARS

MOON

ALL WEATHER
CLASS

HOURLY

CONDITION

SPEED KNOTS OR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N												2.5	0.4
NNE												2.5	0.4
NE												3.5	0.7
ENE												1.5	0.5
E												1.5	0.5
ESE												1.5	0.5
SE												1.5	0.5
SSE												1.5	0.5
S												1.5	0.5
SSW												1.5	0.5
SW												1.5	0.5
WSW												1.5	0.5
W												1.5	0.5
WNW												1.5	0.5
NW												1.5	0.5
NNW												1.5	0.5
VARBL												1.5	0.5
CALM												1.5	0.5

TOTAL NUMBER OF OBSERVATIONS

671

ALL DATA FROM 1961 TO 1962

STATION NAME
 DATE
 LOCATION

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME
 DATE

ALL WEATHER
 CLASS

YEARS

ALL
 DATA

HOURLY
 OBSERVATIONS

CONCLUSION

WIND DIRECTION	3	4	6	7	10	11	14	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	6.4
NNE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	7.1
NE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	7.1
ENE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	6.9
E	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	6.8
ESE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	6.8
SE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	6.8
SSE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	5.8
S	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	5.8
SSW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	5.8
SW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	4.8
WSW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	5.7
W	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	7.8
WNW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	9.1
NW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	7.8
NNW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	7.7
VARBL	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	7.4
CALM	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	9.1

TOTAL NUMBER OF OBSERVATIONS

ALL DATA FROM ALL STATIONS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

STATION NAME
 LOCATION
 DATE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME
 LOCATION

DATE

YEARS

AGE

ALL WEATHER
 CLASS

HOURLY

CORRECTION

WIND D.R.	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM													

TOTAL NUMBER OF OBSERVATIONS

26

DATE

THE UNIVERSITY OF CHICAGO

STATION	ALPHA	BETA	GAMMA	DELTA	EPSILON	ZETA	ETA	THETA	STATION NAME
1	2	3	4	5	6	7	8	9	10

74-4-2

YEAR1

2000

ALL LAYERS
CLAM

~~CONFIDENTIAL~~

[illegible]

TOTAL NUMBER OF OBSERVATIONS

45

COASTAL PLANT COMMUNITIES OF THE PACIFIC NORTHWEST

STATION NAME
 STATION NUMBER
 STATION LOCATION

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME
 STATION NUMBER

DATE

YEARS

SEP

ALL WATERS

NO. OF HOURS

CONC. TION

SPEED KNOTS DIR	3	4	5	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	256	N	MEAN WIND SPEED
N																						5.0
NNE																						5.1
NE																						5.2
ENE																						5.3
E																						5.4
ESE																						5.5
SE																						5.6
SSE																						5.7
S																						5.8
SSW																						5.9
SW																						6.0
WSW																						6.1
W																						6.2
WNW																						6.3
NW																						6.4
NNW																						6.5
VABR																						6.6
A.M.																						6.7

TOTAL NUMBER OF OBSERVATIONS

6.8

ALL

OL A

OL A

UNITED STATES NAVY
NAVY DEPARTMENT
WASHINGTON, D. C.

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: **ST. LOUIS, MO.**

DATE: **14-11**

YEARS: **1911-1912**

NO. OF
OBS.

ALL WEATHER
CLASS

NO. OF
OBS.

CONDITION

WIND DIRECTION	3	4	5	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	N	MEAN WIND SPEED
N																						4.7	4.7
NNE																						4.7	4.7
NE																						4.7	4.7
ENE																						4.7	4.7
E																						4.7	4.7
ESE																						4.7	4.7
SE																						4.7	4.7
SSE																						4.7	4.7
S																						4.7	4.7
SSW																						4.7	4.7
SW																						4.7	4.7
WSW																						4.7	4.7
W																						4.7	4.7
WNW																						4.7	4.7
NW																						4.7	4.7
NNW																						4.7	4.7
VARBL																						4.7	4.7
ALL																						4.7	4.7

TOTAL NUMBER OF OBSERVATIONS

200

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

21

On a day in 1992, a young woman named

STATION NAME
 LOCATION
 DATE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME
 DATE

ALL WEATHER
 CLASS

YEARS

PER MONTH

NUMBER OF

CONDITION

WIND DIRECTION	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N																						1.0
NNE																						1.0
NE																						1.0
ENE																						1.0
E																						1.0
ESE																						1.0
SE																						1.0
SSE																						1.0
S																						1.0
SSW																						1.0
SW																						1.0
WSW																						1.0
W																						1.0
WNW																						1.0
NNW																						1.0
N																						1.0
ALL																						1.0
ALL																						1.0

TOTAL NUMBER OF OBSERVATIONS

25

ALL DATA FROM ALL STATIONS

U.S. DEPARTMENT OF COMMERCE
 NATIONAL WEATHER SERVICE
 ALBUQUERQUE, NEW MEXICO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION

ALBUQUERQUE, NEW MEXICO

1961

YEARS

5.00

ALL WEATHER

CLASS

1961-1961

HOURLY

CONDITION

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	1.0									0.4	3.0
NNE	1.0	1.0	1.0									0.3	3.0
NE	1.0	1.0	1.0									0.3	3.0
ENE	1.0	1.0	1.0									0.4	3.0
E	1.0	1.0	1.0									0.4	3.0
ESE	1.0	1.0	1.0									0.4	2.0
SE	1.0	1.0	1.0									0.3	2.0
SSE	1.0	1.0	1.0									0.3	4.0
S	1.0	1.0	1.0									0.3	2.0
SSW	1.0	1.0	1.0									0.3	3.0
SW	1.0	1.0	1.0									0.3	3.0
WSW	1.0	1.0	1.0									0.3	5.0
W	1.0	1.0	1.0									0.3	5.0
WNW	1.0	1.0	1.0									0.3	5.0
NW	1.0	1.0	1.0									0.3	5.0
NNW	1.0	1.0	1.0									0.3	7.0
VARBL	1.0	1.0	1.0									0.3	
CALM	1.0	1.0	1.0									0.3	

TOTAL NUMBER OF OBSERVATIONS

230

ALBUQUERQUE, NEW MEXICO

SURFACE WINDS

7E4P1

14-75.17-4-

663

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

HOUSE

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

[illegible]

TOTAL NUMBER OF OBSERVATIONS

129

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME
ALBACH, GERMANY

DATE

YEAR

GMT
80714

ALL PLATES
CLASS

800-0800
HOURS LST

CONDITION

SPEED KMPH MPH	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N													6.0
NNE													6.2
NE													7.1
ENE													4.1
E													5.1
ESE													5.2
SE													3.9
SSE													4.4
S													4.3
SSW													4.7
SW													7.1
WSW													7.4
W													7.3
WNW													6.1
NW													4.0
NNW													5.0
VARBL													9.3
CALM													4.2

TOTAL NUMBER OF OBSERVATIONS

ALBACH, GERMANY

1. NAME OF STATION
 2. LOCATION
 3. DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME
 1. NAME OF STATION
 2. LOCATION

14-21

YEAR

607

ALL MEASURES

CONDITION

100-1000

SPEED KNOTS PER HOUR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N												3.3	6.7
NNE												3.3	6.7
NE												3.3	6.7
ENE												3.3	6.7
E												3.3	6.7
ESE												3.3	6.7
SE												3.3	6.7
SSE												3.3	6.7
S												3.3	6.7
SSW												3.3	6.7
SW												3.3	6.7
WSW												3.3	6.7
W												3.3	6.7
WNW												3.3	6.7
NW												3.3	6.7
NNW												3.3	6.7
VARBL												3.3	6.7
CALM												3.3	6.7

TOTAL NUMBER OF OBSERVATIONS

607

1. NAME OF STATION
 2. LOCATION
 3. DATE OF OBSERVATION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME: **WILSON AIR FIELD**
STATION NAME: **WILSON AIR FIELD**

14-51

YEARS

COAST
NORTH

ALL WINDS
CLASS

HOURLY SPEED

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N												0.3	4.2
NNE												0.3	5.9
NE												0.3	5.2
ENE												0.3	5.2
E												0.3	8.2
ESE												0.3	6.7
SE												0.3	6.3
SSE												0.3	4.5
S												0.3	5.2
SSW												0.3	5.7
SW												0.3	5.7
WSW												0.3	4.1
W												0.3	4.1
WNW												0.3	5.7
NW												0.3	5.2
NNW												0.3	5.3
VARBL												0.3	5.5
CALM												0.4	

TOTAL NUMBER OF OBSERVATIONS

249

ALL DATA

ALL DATA

ALL WEATHER STATION
 ALL WEATHER STATION
 ALL WEATHER STATION

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

ALL WEATHER STATION
 ALL WEATHER STATION

ALL WEATHER

STATION

STATION

ALL WEATHER

ALL WEATHER

STATION

WIND DIRECTION	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0	0	0	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS

STATION

ALL WEATHER STATION

U.S. DEPARTMENT OF COMMERCE
NATIONAL METEOROLOGICAL SERVICE
ATLANTA, GEORGIA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION **OLRACH AND JENKINS**
STATION NAME

14-83

YEARS

601
HOURS

ALL WEATHER
CLASS

1000-2000
HOURS (LST)

FORM 100

WIND DIRECTION	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.0	5.3
NNE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.7	5.7
NE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.9	5.8
ENE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.9	5.8
E	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.7	5.8
ESE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.4	4.8
SE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.4	4.8
SSE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.2	4.9
S	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.7	4.9
SSW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.5	4.9
SW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.7	7.9
WSW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.7	7.4
W	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.5	7.9
WNW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.5	7.6
NW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.5	6.9
NNW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.5	6.9
VARBL	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.5	7.7
CALM	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.5	7.7

TOTAL NUMBER OF OBSERVATIONS

552

U.S. METEOROLOGICAL SERVICE
AT STATION SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME AND LOCATION

DATE

YEAR

207

ALL WINDS

100-230

LOCATION

SPEED KNOTS OR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N			1.2									2.1	6.2
NNE			1.2									2.7	5.3
NE			1.2									2.9	6.5
NNE			1.2									2.2	5.2
E			1.2									3.4	5.9
ESE			1.2									4.2	4.5
SE			1.2									7.6	5.1
SSE			1.2									6.3	5.8
S			2.7	9.4								15.6	4.8
SSW			1.2									5.5	4.1
SW			1.2									1.5	6.6
WSW			1.2									8.1	6.7
W			2.7	2.6								18.4	7.6
WNW			1.2									2.7	3.5
NW			1.2									2.7	3.5
NNW			1.2									2.7	3.5
VARBL			1.2									2.7	3.5
CALM												14.3	

TOTAL NUMBER OF OBSERVATIONS

223

U.S. METEOROLOGICAL SERVICE

STATION NAME: [illegible]
 LOCATION: [illegible]
 DATE: [illegible]

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS

SURFACE WINDS

STATION NAME: [illegible]

DATE: [illegible]

TIME: [illegible]

ALL [illegible]

[illegible]


WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	N	MEAN WIND SPEED
N												2.4	6.7
NNE												2.4	6.5
NE												2.4	6.3
ENE												2.4	7.1
E												2.4	7.1
ESE												2.4	7.1
SE												2.4	7.1
SSE												2.4	7.1
S												2.4	7.1
SSW												2.4	7.1
SW												2.4	7.1
WSW												2.4	7.1
W												2.4	7.1
WNW												2.4	7.1
NW												2.4	7.1
NNW												2.4	7.1
VARBL												2.4	7.1
CALM												2.4	7.1

TOTAL NUMBER OF OBSERVATIONS

12

ALL [illegible]

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)



2-24-44

[illegible]

12

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

UNITED STATES DEPARTMENT OF COMMERCE
BUREAU OF MARINE SERVICE
OFFICE OF MARINE SURVEILLANCE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME AND LOCATION

DATE 12-15-57-51 YEARS

MOON

ALL WEATHER
CLASS

HOURLY

CONTINUED

SPEED KNOTS PER HOUR	2	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	N	MEAN WIND SPEED
N																					2.4	5.1
NNE																					2.4	5.6
NE																					2.4	6.7
ENE																					2.4	2.2
E																					2.4	2.2
ESE																					2.4	2.2
SE																					2.4	2.2
SSE																					2.4	4.2
S																					2.4	4.2
SSW																					2.4	4.4
SW																					2.4	5.3
WSW																					2.4	5.3
W																					2.4	5.3
WNW																					2.4	5.3
NW																					2.4	5.3
NNW																					2.4	5.3
VARBL																					2.4	5.3
CALM																					2.4	5.3

TOTAL NUMBER OF OBSERVATIONS

472

AIR FORCE WEATHER SERVICE
 WIND
 STATION NAME: FORT WORTH

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: FORT WORTH
 STATION NAME: FORT WORTH

DATE: 10-17-61

YEAR: 1961

MO: OCT

ALL WEATHER
 CLASS

HOURS: 24
 HOURS: 24

FUNCTION:

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N													0.1
NNE													0.2
NE													0.3
ENE													0.5
E													0.7
ESE													0.8
SE													0.9
SSE													1.0
S													1.1
SSW													1.2
SW													1.3
WSW													1.4
W													1.5
WNW													1.6
NW													1.7
NNW													1.8
VABBL													1.9
CALM													2.0

TOTAL NUMBER OF OBSERVATIONS

WIND
 CLASS

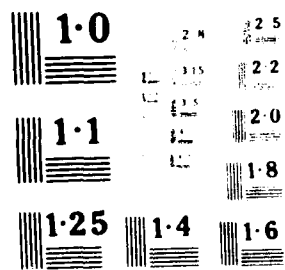
UNCLASSIFIED

USAF/TAC/DS-84/030 SRI-AD-E850 754

F/G 4/2

NL

2/4



PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

ALL MAILED

- 27 -

[illegible]

TOTAL NUMBER OF OBSERVATIONS

491

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	DATE	TIME	STATION NAME
1	1964	10:00	STATION 1
2	1964	10:05	STATION 2
3	1964	10:10	STATION 3
4	1964	10:15	STATION 4
5	1964	10:20	STATION 5
6	1964	10:25	STATION 6
7	1964	10:30	STATION 7
8	1964	10:35	STATION 8
9	1964	10:40	STATION 9
10	1964	10:45	STATION 10
11	1964	10:50	STATION 11
12	1964	10:55	STATION 12
13	1964	11:00	STATION 13
14	1964	11:05	STATION 14
15	1964	11:10	STATION 15
16	1964	11:15	STATION 16
17	1964	11:20	STATION 17
18	1964	11:25	STATION 18
19	1964	11:30	STATION 19
20	1964	11:35	STATION 20
21	1964	11:40	STATION 21
22	1964	11:45	STATION 22
23	1964	11:50	STATION 23
24	1964	11:55	STATION 24
25	1964	12:00	STATION 25
26	1964	12:05	STATION 26
27	1964	12:10	STATION 27
28	1964	12:15	STATION 28
29	1964	12:20	STATION 29
30	1964	12:25	STATION 30
31	1964	12:30	STATION 31
32	1964	12:35	STATION 32
33	1964	12:40	STATION 33
34	1964	12:45	STATION 34
35	1964	12:50	STATION 35
36	1964	12:55	STATION 36
37	1964	1:00	STATION 37
38	1964	1:05	STATION 38
39	1964	1:10	STATION 39
40	1964	1:15	STATION 40
41	1964	1:20	STATION 41
42	1964	1:25	STATION 42
43	1964	1:30	STATION 43
44	1964	1:35	STATION 44
45	1964	1:40	STATION 45
46	1964	1:45	STATION 46
47	1964	1:50	STATION 47
48	1964	1:55	STATION 48
49	1964	2:00	STATION 49
50	1964	2:05	STATION 50
51	1964	2:10	STATION 51
52	1964	2:15	STATION 52
53	1964	2:20	STATION 53
54	1964	2:25	STATION 54
55	1964	2:30	STATION 55
56	1964	2:35	STATION 56
57	1964	2:40	STATION 57
58	1964	2:45	STATION 58
59	1964	2:50	STATION 59
60	1964	2:55	STATION 60
61	1964	3:00	STATION 61
62	1964	3:05	STATION 62
63	1964	3:10	STATION 63
64	1964	3:15	STATION 64
65	1964	3:20	STATION 65
66	1964	3:25	STATION 66
67	1964	3:30	STATION 67
68	1964	3:35	STATION 68
69	1964	3:40	STATION 69
70	1964	3:45	STATION 70
71	1964	3:50	STATION 71
72	1964	3:55	STATION 72
73	1964	4:00	STATION 73
74	1964	4:05	STATION 74
75	1964	4:10	STATION 75
76	1964	4:15	STATION 76
77	1964	4:20	STATION 77
78	1964	4:25	STATION 78
79	1964	4:30	STATION 79
80	1964	4:35	STATION 80
81	1964	4:40	STATION 81
82	1964	4:45	STATION 82
83	1964	4:50	STATION 83
84	1964	4:55	STATION 84
85	1964	5:00	STATION 85
86	1964	5:05	STATION 86
87	1964	5:10	STATION 87
88	1964		

1-2017-22

2000

CASE

HOUSE

1528 J. L. L. & J. A. L.

[illegible]

TOTAL NUMBER OF OBSERVATIONS

292

U. S. AIR FORCE
 1957
 WEATHER DIVISION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION NAME
 ALLBACH AIR FIELD, GERMANY

PERIOD
 14-12-53

YEAR

DAY

ALL WEATHER
 CLASS

100-240
 HOURS PER YEAR

CONTINUED

WIND DIRECTION	2	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	N	MEAN WIND SPEED
N																					100	5.1
NNE																					100	6.0
NE																					100	6.3
ENE																					100	6.5
E																					100	6.6
ESE																					100	6.6
SE																					100	4.5
SSE																					100	4.7
S																					100	4.8
SSW																					100	4.8
SW																					100	4.8
WSW																					100	4.8
W																					100	4.8
WNW																					100	4.8
NW																					100	4.8
NNW																					100	4.8
VARBL																					100	4.8
CALM																					100	4.8

TOTAL NUMBER OF OBSERVATIONS

120

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME
AVALACH AND ALMANY

77-81

YEARS

DEC
2007

ALL WEATHER
CLASS

2007-2008
HOUSE 1.5 T

CONDITION

SPEED KNT MPH	1	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N																						1.4	0.0
NNE																						1.7	8.5
NE																						1.4	3.5
ENE																						1.2	5.4
E																						1.1	4.3
ESE																						1.1	6.2
SE																						1.4	5.5
SSE																						1.4	5.5
S																						1.3	5.6
SSW																						1.4	5.8
SW																						1.3	10.1
WSW																						1.2	8.2
W																						1.2	8.9
WNW																						1.2	7.4
NW																						1.2	13.3
NNW																						1.2	7.4
VARIABLE																						1.2	14.0
CALM																						1.7	

TOTAL NUMBER OF OBSERVATIONS

117

1. NAME OF STATION
 2. LOCATION
 3. DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME
 STATION NAME

DATE OF OBSERVATION

YEARS

OBSERVER
 OBSERVER

ALL WEATHER
 CLASS

NO. OF HOURS
 NO. OF HOURS

CONDITION

SPEED KNOTS OR MPH	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM													

TOTAL NUMBER OF OBSERVATIONS

547

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NOAA

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: ALBUQUERQUE, N.M.

14-25-77-80

YEARS

8649

ALL WEATHER

CLASS

HOURLY

CONDITION

WIND DIRECTION	2	4	6	7	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	N	MEAN WIND SPEED
N																				1.0	6.5
NNE																				1.0	6.2
NE																				1.0	5.2
ENE																				1.0	5.2
E																				1.0	5.2
ESE																				1.0	5.2
SE																				1.0	4.7
SSE																				1.0	6.1
S																				1.0	7.1
SSW																				1.0	6.9
SW																				1.0	6.9
WSW																				1.0	1.0
W																				1.0	1.7
WNW																				1.0	5.5
NW																				1.0	5.4
NNW																				1.0	5.4
VABBL																				1.0	9.9
CALM																				1.0	5.5

TOTAL NUMBER OF OBSERVATIONS

152

ALBUQUERQUE, N.M.

U. S. AIR FORCE
 WIND
 STATION

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME
 STATION NAME

7-15-17-81

15000

DEC
 1981

ALL WEATHER
 CLASS

100-1400
 HOURS

LOCATION

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													7.0
NNE													3.0
NE													5.0
ENE													6.7
E													5.0
ESE													6.0
SE													5.0
SSE													5.0
S													7.0
SSW													5.0
SW													7.0
WSW													7.0
W													7.0
WNW													7.0
NW													7.0
NNW													6.0
VARBL													12.0
CALM													7.0

TOTAL NUMBER OF OBSERVATIONS

15000

U. S. AIR FORCE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME
1	1.000000
2	2.000000
3	3.000000
4	4.000000
5	5.000000
6	6.000000
7	7.000000
8	8.000000
9	9.000000
10	10.000000
11	11.000000
12	12.000000
13	13.000000
14	14.000000
15	15.000000
16	16.000000
17	17.000000
18	18.000000
19	19.000000
20	20.000000
21	21.000000
22	22.000000
23	23.000000
24	24.000000
25	25.000000
26	26.000000
27	27.000000
28	28.000000
29	29.000000
30	30.000000
31	31.000000
32	32.000000
33	33.000000
34	34.000000
35	35.000000
36	36.000000
37	37.000000
38	38.000000
39	39.000000
40	40.000000
41	41.000000
42	42.000000
43	43.000000
44	44.000000
45	45.000000
46	46.000000
47	47.000000
48	48.000000
49	49.000000
50	50.000000
51	51.000000
52	52.000000
53	53.000000
54	54.000000
55	55.000000
56	56.000000
57	57.000000
58	58.000000
59	59.000000
60	60.000000
61	61.000000
62	62.000000
63	63.000000
64	64.000000
65	65.000000
66	66.000000
67	67.000000
68	68.000000
69	69.000000
70	70.000000
71	71.000000
72	72.000000
73	73.000000
74	74.000000
75	75.000000
76	76.000000
77	77.000000
78	78.000000
79	79.000000
80	80.000000
81	81.000000
82	82.000000
83	83.000000
84	84.000000
85	85.000000
86	86.000000
87	87.000000
88	88.000000
89	89.000000
90	90.000000
91	91.000000
92	92.000000
93	93.000000
94	94.000000
95	95.000000
96	96.000000
97	97.000000
98	98.000000
99	99.000000
100	100.000000

2-15-77-60 YEARS

555

ALL RIGHTS RESERVED

4008 1 8 7

[illegible]

TOTAL NUMBER OF OBSERVATIONS

13

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION

STATION NAME

14-25-27-30

YEARS

DEC

ALL WEATHER
CLASS

1000
HOURS

WIND DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 32	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N													4.4
NNE													4.4
N-E													4.4
ENE													4.4
E													4.4
ESE													4.4
SE													4.4
SSE													4.4
S													4.4
SSW													4.4
SW													4.4
WSW													4.4
W													4.4
WNW													4.4
NW													4.4
NNW													4.4
VARBL													4.4
CALM													4.4

TOTAL NUMBER OF OBSERVATIONS

DATE: 1964

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME: *STATION NAME*

YEAR: *1950*

YEAR: *1950*

STATION NAME: *STATION NAME*

ALL AROUND

HOURLY

WIND DIRECTION	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N																					
NNE																					
NE																					
ENE																					
E																					
ESE																					
SE																					
SSE																					
S																					
SSW																					
SW																					
WSW																					
W																					
WNW																					
NW																					
NNW																					
VARIABLE																					
CALM																					

TOTAL NUMBER OF OBSERVATIONS

111

ALL AROUND

CELESTINE STATION "A"
USAFETAC, ATHENS, GA

CEILING VERSUS VISIBILITY

PART 1

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM METEOROLOGICAL OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
900	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
800	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
700	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
600	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
500	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
400	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
300	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
200	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
100	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
50	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TOTAL NUMBER OF OBSERVATIONS 244

[illegible]

13

[illegible]TOTAL NUMBER OF OBSERVATIONS 35

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible][illegible]

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NAME
CITY

STATE

DATE

STATION NUMBER

CEILING	100	90	80	70	60	50	40	30	20	10	5	0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
70	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PER CENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 573

U.S. AIR FORCE
 10-10000-1
 10-10000-1

CEILING VERSUS VISIBILITY

10-10000-1
 10-10000-1

10-10000-1

10-10000-1

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

10-10000-1

10-10000-1 (HOURS OF OBSERVATION)

CEILING	1000	800	600	400	300	200	100	50	25	15	10	5	0
1000	100	100	100	100	100	100	100	100	100	100	100	100	100
800	100	100	100	100	100	100	100	100	100	100	100	100	100
600	100	100	100	100	100	100	100	100	100	100	100	100	100
400	100	100	100	100	100	100	100	100	100	100	100	100	100
300	100	100	100	100	100	100	100	100	100	100	100	100	100
200	100	100	100	100	100	100	100	100	100	100	100	100	100
100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100
0	100	100	100	100	100	100	100	100	100	100	100	100	100

TOTAL NUMBER OF OBSERVATIONS 400

10-10000-1

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.

1992

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

1641-1642

the following year, the number of people who had been vaccinated against smallpox was 60,000.

The vaccination campaign was successful in reducing the incidence of smallpox in the United States. However, it also led to the development of a new disease called "vaccine-induced smallpox." This disease was caused by the virus used in the vaccine, which could sometimes spread to other people or even cause death.

6-16, 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-

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100

| | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 |
| 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 |
| 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 |
| 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 |
| 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 |
| 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 |
| 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 |
| 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 |
| 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 |
| 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 | 44.0 | 44.1 | 44.2 | 44.3 |
| 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 | 46.0 |
| 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 |
| 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 |
| 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 |
| 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 |
| 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 |
| 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 |
| 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 |
| 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 |
| 59.7 | 59.8 | 59.9 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.2 | 61.3 |
| 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 63.0 |
| 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 64.0 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 |
| 64.8 | 64.9 | 65.0 | 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 |
| 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 |
| 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 |
| 69.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | | |

TOTAL NUMBER OF OBSERVATIONS _____

Abstract—The purpose of this study was to determine if there were differences in the prevalence of musculoskeletal disorders among different types of workers. The subjects included all employees of a large manufacturing company who had been employed at least one year. Data were obtained from a questionnaire sent to each employee asking about symptoms of musculoskeletal disorders and work-related factors. The results showed that the prevalence of musculoskeletal disorders was higher among non-manual workers than manual workers. This finding suggests that the risk of developing musculoskeletal disorders may be related to the type of work performed.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

OF THICKNESS OF METERS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1000 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 900 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 800 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 700 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 600 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 500 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 400 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 300 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 200 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 100 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 50 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 25 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 10 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 5 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |

TOTAL NUMBER OF OBSERVATIONS 500

PER CENTAGE FREQUENCY OF OCCURRENCE
FROM 100 HRS. OBSERVATIONS

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

[illegible]

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PER CENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

IN THOUSANDS OF METERS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|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| 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 99.1 | 99.0 | 98.9 | 98.8 | 98.7 | 98.6 | 98.5 | 98.4 | 98.3 | 98.2 | 98.1 | 98.0 | 97.9 | 97.8 | 97.7 | 97.6 | 97.5 | 97.4 | 97.3 | 97.2 | 97.1 | 97.0 | 96.9 | 96.8 | 96.7 | 96.6 | 96.5 | 96.4 | 96.3 | 96.2 | 96.1 | 96.0 | 95.9 | 95.8 | 95.7 | 95.6 | 95.5 | 95.4 | 95.3 | 95.2 | 95.1 | 95.0 | 94.9 | 94.8 | 94.7 | 94.6 | 94.5 | 94.4 | 94.3 | 94.2 | 94.1 | 94.0 | 93.9 | 93.8 | 93.7 | 93.6 | 93.5 | 93.4 | 93.3 | 93.2 | 93.1 | 93.0 | 92.9 | 92.8 | 92.7 | 92.6 | 92.5 | 92.4 | 92.3 | 92.2 | 92.1 | 92.0 | 91.9 | 91.8 | 91.7 | 91.6 | 91.5 | 91.4 | 91.3 | 91.2 | 91.1 | 91.0 | 90.9 | 90.8 | 90.7 | 90.6 | 90.5 | 90.4 | 90.3 | 90.2 | 90.1 | 90.0 | 89.9 | 89.8 | 89.7 | 89.6 | 89.5 | 89.4 | 89.3 | 89.2 | 89.1 | 89.0 | 88.9 | 88.8 | 88.7 | 88.6 | 88.5 | 88.4 | 88.3 | 88.2 | 88.1 | 88.0 | 87.9 | 87.8 | 87.7 | 87.6 | 87.5 | 87.4 | 87.3 | 87.2 | 87.1 | 87.0 | 86.9 | 86.8 | 86.7 | 86.6 | 86.5 | 86.4 | 86.3 | 86.2 | 86.1 | 86.0 | 85.9 | 85.8 | 85.7 | 85.6 | 85.5 | 85.4 | 85.3 | 85.2 | 85.1 | 85.0 | 84.9 | 84.8 | 84.7 | 84.6 | 84.5 | 84.4 | 84.3 | 84.2 | 84.1 | 84.0 | 83.9 | 83.8 | 83.7 | 83.6 | 83.5 | 83.4 | 83.3 | 83.2 | 83.1 | 83.0 | 82.9 | 82.8 | 82.7 | 82.6 | 82.5 | 82.4 | 82.3 | 82.2 | 82.1 | 82.0 | 81.9 | 81.8 | 81.7 | 81.6 | 81.5 | 81.4 | 81.3 | 81.2 | 81.1 | 81.0 | 80.9 | 80.8 | 80.7 | 80.6 | 80.5 | 80.4 | 80.3 | 80.2 | 80.1 | 80.0 | 79.9 | 79.8 | 79.7 | 79.6 | 79.5 | 79.4 | 79.3 | 79.2 | 79.1 | 79.0 | 78.9 | 78.8 | 78.7 | 78.6 | 78.5 | 78.4 | 78.3 | 78.2 | 78.1 | 78.0 | 77.9 | 77.8 | 77.7 | 77.6 | 77.5 | 77.4 | 77.3 | 77.2 | 77.1 | 77.0 | 76.9 | 76.8 | 76.7 | 76.6 | 76.5 | 76.4 | 76.3 | 76.2 | 76.1 | 76.0 | 75.9 | 75.8 | 75.7 | 75.6 | 75.5 | 75.4 | 75.3 | 75.2 | 75.1 | 75.0 | 74.9 | 74.8 | 74.7 | 74.6 | 74.5 | 74.4 | 74.3 | 74.2 | 74.1 | 74.0 | 73.9 | 73.8 | 73.7 | 73.6 | 73.5 | 73.4 | 73.3 | 73.2 | 73.1 | 73.0 | 72.9 | 72.8 | 72.7 | 72.6 | 72.5 | 72.4 | 72.3 | 72.2 | 72.1 | 72.0 | 71.9 | 71.8 | 71.7 | 71.6 | 71.5 | 71.4 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 | 69.7 | 69.6 | 69.5 | 69.4 | 69.3 | 69.2 | 69.1 | 69.0 | 68.9 | 68.8 | 68.7 | 68.6 | 68.5 | 68.4 | 68.3 | 68.2 | 68.1 | 68.0 | 67.9 | 67.8 | 67.7 | 67.6 | 67.5 | 67.4 | 67.3 | 67.2 | 67.1 | 67.0 | 66.9 | 66.8 | 66.7 | 66.6 | 66.5 | 66.4 | 66.3 | 66.2 | 66.1 | 66.0 | 65.9 | 65.8 | 65.7 | 65.6 | 65.5 | 65.4 | 65.3 | 65.2 | 65.1 | 65.0 | 64.9 | 64.8 | 64.7 | 64.6 | 64.5 | 64.4 | 64.3 | 64.2 | 64.1 | 64.0 | 63.9 | 63.8 | 63.7 | 63.6 | 63.5 | 63.4 | 63.3 | 63.2 | 63.1 | 63.0 | 62.9 | 62.8 | 62.7 | 62.6 | 62.5 | 62.4 | 62.3 | 62.2 | 62.1 | 62.0 | 61.9 | 61.8 | 61.7 | 61.6 | 61.5 | 61.4 | 61.3 | 61.2 | 61.1 | 61.0 | 60.9 | 60.8 | 60.7 | 60.6 | 60.5 | 60.4 | 60.3 | 60.2 | 60.1 | 60.0 | 59.9 | 59.8 | 59.7 | 59.6 | 59.5 | 59.4 | 59.3 | 59.2 | 59.1 | 59.0 | 58.9 | 58.8 | 58.7 | 58.6 | 58.5 | 58.4 | 58.3 | 58.2 | 58.1 | 58.0 | 57.9 | 57.8 | 57.7 | 57.6 | 57.5 | 57.4 | 57.3 | 57.2 | 57.1 | 57.0 | 56.9 | 56.8 | 56.7 | 56.6 | 56.5 | 56.4 | 56.3 | 56.2 | 56.1 | 56.0 | 55.9 | 55.8 | 55.7 | 55.6 | 55.5 | 55.4 | 55.3 | 55.2 | 55.1 | 55.0 | 54.9 | 54.8 | 54.7 | 54.6 | 54.5 | 54.4 | 54.3 | 54.2 | 54.1 | 54.0 | 53.9 | 53.8 | 53.7 | 53.6 | 53.5 | 53.4 | 53.3 | 53.2 | 53.1 | 53.0 | 52.9 | 52.8 | 52.7 | 52.6 | 52.5 | 52.4 | 52.3 | 52.2 | 52.1 | 52.0 | 51.9 | 51.8 | 51.7 | 51.6 | 51.5 | 51.4 | 51.3 | 51.2 | 51.1 | 51.0 | 50.9 | 50.8 | 50.7 | 50.6 | 50.5 | 50.4 | 50.3 | 50.2 | 50.1 | 50.0 | 49.9 | 49.8 | 49.7 | 49.6 | 49.5 | 49.4 | 49.3 | 49.2 | 49.1 | 49.0 | 48.9 | 48.8 | 48.7 | 48.6 | 48.5 | 48.4 | 48.3 | 48.2 | 48.1 | 48.0 | 47.9 | 47.8 | 47.7 | 47.6 | 47.5 | 47.4 | 47.3 | 47.2 | 47.1 | 47.0 | 46.9 | 46.8 | 46.7 | 46.6 | 46.5 | 46.4 | 46.3 | 46.2 | 46.1 | 46.0 | 45.9 | 45.8 | 45.7 | 45.6 | 45.5 | 45.4 | 45.3 | 45.2 | 45.1 | 45.0 | 44.9 | 44.8 | 44.7 | 44.6 | 44.5 | 44.4 | 44.3 | 44.2 | 44.1 | 44.0 | 43.9 | 43.8 | 43.7 | 43.6 | 43.5 | 43.4 | 43.3 | 43.2 | 43.1 | 43.0 | 42.9 | 42.8 | 42.7 | 42.6 | 42.5 | 42.4 | 42.3 | 42.2 | 42.1 | 42.0 | 41.9 | 41.8 | 41.7 | 41.6 | 41.5 | 41.4 | 41.3 | 41.2 | 41.1 | 41.0 | 40.9 | 40.8 | 40.7 | 40.6 | 40.5 | 40.4 | 40.3 | 40.2 | 40.1 | 40.0 | 39.9 | 39.8 | 39.7 | 39.6 | 39.5 | 39.4 | 39.3 | 39.2 | 39.1 | 39.0 | 38.9 | 38.8 | 38.7 | 38.6 | 38.5 | 38.4 | 38.3 | 38.2 | 38.1 | 38.0 | 37.9 | 37.8 | 37.7 | 37.6 | 37.5 | 37.4 | 37.3 | 37.2 | 37.1 | 37.0 | 36.9 | 36.8 | 36.7 | 36.6 | 36.5 | 36.4 | 36.3 | 36.2 | 36.1 | 36.0 | 35.9 | 35.8 | 35.7 | 35.6 | 35.5 | 35.4 | 35.3 | 35.2 | 35.1 | 35.0 | 34.9 | 34.8 | 34.7 | 34.6 | 34.5 | 34.4 | 34.3 | 34.2 | 34.1 | 34.0 | 33.9 | 33.8 | 33.7 | 33.6 | 33.5 | 33.4 | 33.3 | 33.2 | 33.1 | 33.0 | 32.9 | 32.8 | 32.7 | 32.6 | 32.5 | 32.4 | 32.3 | 32.2 | 32.1 | 32.0 | 31.9 | 31.8 | 31.7 | 31.6 | 31.5 | 31.4 | 31.3 | 31.2 | 31.1 | 31.0 | 30.9 | 30.8 | 30.7 | 30.6 | 30.5 | 30.4 | 30.3 | 30.2 | 30.1 | 30.0 | 29.9 | 29.8 | 29.7 | 29.6 | 29.5 | 29.4 | 29.3 | 29.2 | 29.1 | 29.0 | 28.9 | 28.8 | 28.7 | 28.6 | 28.5 | 28.4 | 28.3 | 28.2 | 28.1 | 28.0 | 27.9 | 27.8 | 27.7 | 27.6 | 27.5 | 27.4 | 27.3 | 27.2 | 27.1 | 27.0 | 26.9 | 26.8 | 26.7 | 26.6 | 26.5 | 26.4 | 26.3 | 26.2 | 26.1 | 26.0 | 25.9 | 25.8 | 25.7 | 25.6 | 25.5 | 25.4 | 25.3 | 25.2 | 25.1 | 25.0 | 24.9 | 24.8 | 24.7 | 24.6 | 24.5 | 24.4 | 24.3 | 24.2 | 24.1 | 24.0 | 23.9 | 23.8 | 23.7 | 23.6 | 23.5 | 23.4 | 23.3 | 23.2 | 23.1 | 23.0 | 22.9 | 22.8 | 22.7 | 22.6 | 22.5 | 22.4 | 22.3 | 22.2 | 22.1 | 22.0 | 21.9 | 21.8 | 21.7 | 21.6 | 21.5 | 21.4 | 21.3 | 21.2 | 21.1 | 21.0 | 20.9 | 20.8 | 20.7 | 20.6 | 20.5 | 20.4 | 20.3 | 20.2 | 20.1 | 20.0 | 19.9 | 19.8 | 19.7 | 19.6 | 19.5 | 19.4 | 19.3 | 19.2 | 19.1 | 19.0 | 18.9 | 18.8 | 18.7 | 18.6 | 18.5 | 18.4 | 18.3 | 18.2 | 18.1 | 18.0 | 17.9 | 17.8 | 17.7 | 17.6 | 17.5 | 17.4 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 16.2 | 16.1 | 16.0 | 15.9 | 15.8 | 15.7 | 15.6 | 15.5 | 15.4 | 15.3 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 | 14.3 | 14.2 | 14.1 | 14.0 | 13.9 | 13.8 | 13.7 | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.1 | 13.0 | 12.9 | 12.8 | 12.7 | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.8 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 9.1 | 9.0 | 8.9 | 8.8 | 8.7 | 8.6 | 8.5 | 8.4 | 8.3 | 8.2 | 8.1 | 8.0 | 7.9 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 | 7.1 | 7.0 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.4 | 6.3 | 6.2 | 6.1 | 6.0 | 5.9 | 5.8 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 5.0 | 4.9 | 4.8 | 4.7 | 4.6 | 4.5 | 4.4 | 4.3 | 4.2 | 4.1 | 4.0 | 3.9 | 3.8 | 3.7 | 3.6 | 3.5 | 3.4 | 3.3 | 3.2 | 3.1 | 3.0 | 2.9 | 2.8 | 2.7 | 2.6 | 2.5 | 2.4 | 2.3 | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 | -0.1 | -0.2 | -0.3 | -0.4 | -0.5 | -0.6 | -0.7 | -0.8 | -0.9 | -1.0 | -1.1 | -1.2 | -1.3 | -1.4 | -1.5 | -1.6 | -1.7 | -1.8 | -1.9 | -2.0 | -2.1 | -2.2 | -2.3 | -2.4 | -2.5 | -2.6 | -2.7 | -2.8 | -2.9 | -3.0 | -3.1 | -3.2 | -3.3 | -3.4 | -3.5 | -3.6 | -3.7 | -3.8 | -3.9 | -4.0 | -4.1 | -4.2 | -4.3 | -4.4 | -4.5 | -4.6 | -4.7 | -4.8 | -4.9 | -5.0 | -5.1 | -5.2 | -5.3 | -5.4 | -5.5 | -5.6 | -5.7 | -5.8 | -5.9 | -6.0 | -6.1 | -6.2 | -6.3 | -6.4 | -6.5 | -6.6 | -6.7 | -6.8 | -6.9 | -7.0 | -7.1 | -7.2 | -7.3 | -7.4 | -7.5 | -7.6 | -7.7 | -7.8 | -7.9 | -8.0 | -8.1 | -8.2 | -8.3 | -8.4 | -8.5 | -8.6 | -8.7 | -8.8 | -8.9 | -9.0 | -9.1 | -9.2 | -9.3 | -9.4 | -9.5 | -9.6 | -9.7 | -9.8 | -9.9 | -10.0 | -10.1 | -10.2 | -10.3 | -10.4 | -10.5 | -10.6 | -10.7 | -10.8 | -10.9 | -11.0 | -11.1 | -11.2 | -11.3 | -11.4 | -11.5 | -11.6 | -11.7 | -11.8 | -11.9 | -12.0 | -12.1 | -12.2 | -12.3 | -12.4 | -12.5 | -12.6 | -12.7 | -12.8 | -12.9 | -13.0 | -13.1 | -13.2 | -13.3 | -13.4 | -13.5 | -13.6 | -13.7 | -13.8 | -13.9 | -14.0 | -14.1 | -14.2 | -14.3 | -14.4 | -14.5 | -14.6 | -14.7 | -14.8 | -14.9 | -15.0 | -15.1 | -15.2 | -15.3 | -15.4 | -15.5 | -15.6 | -15.7 | -15.8 | -15.9 | -16.0 | -16.1 | -16.2 | -16.3 | -16.4 | -16.5 | -16.6 | -16.7 | -16.8 | -16.9 | -17.0 | -17.1 | -17.2 | -17.3 | -17.4 | -17.5 | -17.6 | -17.7 | -17.8 | -17.9 | -18.0 | -18.1 | -18.2 | -18.3 | -18.4 | -18.5 | -18.6 | -18.7 | -18.8 | -18.9 | -19.0 | -19.1 | -19.2 | -19.3 | -19.4 | -19.5 | -19.6 | -19.7 | -19.8 | -19.9 | -20.0 | -20.1 | -20.2 | -20.3 | -20.4 | -20.5 | -20.6 | -20.7 | -20.8 | -20.9 | -21.0 | -21.1 | -21.2 | -21.3 | -21.4 | -21.5 | -21.6 | -21.7 | -21.8 | -21.9 | -22.0 | -22.1 | -22.2 | -22.3 | -22.4 | -22.5 | -22.6 | -22.7 | -22.8 | -22.9 | -23.0 | -23.1 | -23.2 | -23.3 | -23.4 | -23.5 | -23.6 | -23.7 | -23.8 | -23.9 | -24.0 | -24.1 | -24.2 | -24.3 | -24.4 | -24.5 | -24.6 | -24.7 | -24.8 | -24.9 | -25.0 | -25.1 | -25.2 | -25.3 | -25.4 | -25.5 | -25.6 | -25.7 | -25.8 | -25.9 | -26.0 | -26.1 | -26.2 | -26.3 | -26.4 | -26.5 | -26.6 | -26.7 | -26.8 | -26.9 | -27.0 | -27.1 | -27.2 | -27.3 | -27.4 | -27.5 | -27.6 | -27.7 | -27.8 | -27.9 | -28.0 | -28.1 | -28.2 | -28.3 | -28.4 | -28.5 | -28.6 | -28.7 | -28.8 | -28.9 | -29.0 | -29.1 | -29.2 | -29.3 | -29.4 | -29.5 | -29.6 | -29.7 | -29.8 | -29.9 | -3 |

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[illegible]

TOTAL NUMBER OF OBSERVATIONS

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[illegible]TOTAL NUMBER OF OBSERVATIONS

the 1990s, the number of people in the world who are undernourished has declined from 1.1 billion to 800 million. The number of people who are malnourished has declined from 1.5 billion to 1 billion. The number of people who are obese has increased from 100 million to 300 million. The number of people who are overweight has increased from 100 million to 300 million. The number of people who are obese and overweight has increased from 100 million to 300 million. The number of people who are obese and overweight has increased from 100 million to 300 million.

24

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 10

PERCENTAGE FREQUENCY OF THE CURRENT
FROM THE PRESERVATION

[illegible][illegible]

TOTAL NUMBER OF OBSERVATIONS

1990

24

TOTAL NUMBER OF OBSERVATIONS _____

[illegible]

7.8

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TOTAL NUMBER OF OBSERVATIONS 10

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[illegible]

24

[illegible]TOTAL NUMBER OF OBSERVATIONS 239

At the same time, the authors note that the results of the study are not generalizable to all populations, and that further research is needed to explore the long-term effects of the intervention.

[illegible]

25

1960-1961

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 8 | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

44. *Chrysomelidae* (continued)

[illegible][illegible]

Journal of Management Education 30(6)p. 789-804

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

1. The first group of respondents (n = 10) was composed of students who had completed the course and were currently employed in a health care setting. The second group (n = 10) was composed of students who had completed the course and were currently employed in a health care setting. The third group (n = 10) was composed of students who had completed the course and were currently employed in a health care setting. The fourth group (n = 10) was composed of students who had completed the course and were currently employed in a health care setting. The fifth group (n = 10) was composed of students who had completed the course and were currently employed in a health care setting. The sixth group (n = 10) was composed of students who had completed the course and were currently employed in a health care setting. The seventh group (n = 10) was composed of students who had completed the course and were currently employed in a health care setting. The eighth group (n = 10) was composed of students who had completed the course and were currently employed in a health care setting. The ninth group (n = 10) was composed of students who had completed the course and were currently employed in a health care setting. The tenth group (n = 10) was composed of students who had completed the course and were currently employed in a health care setting.

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TOTAL NUMBER OF OBSERVATIONS 100

... 4. ... A ...

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1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

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* 4. A 100% increase in the price of a good will result in a 50% increase in the quantity demanded. The demand curve is:

TOTAL NUMBER OF OBSERVATIONS _____ - 5

TOTAL NUMBER OF OBSERVATIONS _____

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

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|------|------|------|------|------|------|------|------|------|------|
| 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 42.0 |
| 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 | 43.0 |
| 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 44.0 |
| 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 | 45.0 |
| 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 46.0 |
| 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 | 47.0 |
| 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 48.0 |
| 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 49.0 |
| 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 50.0 |
| 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 51.0 |
| 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 52.0 |
| 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 53.0 |
| 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 54.0 |
| 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 55.0 |
| 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 56.0 |
| 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 57.0 |
| 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 58.0 |
| 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 59.0 |
| 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 60.0 |
| 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 61.0 |
| 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 62.0 |
| 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 63.0 |
| 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 64.0 |
| 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 65.0 |
| 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 66.0 |
| 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 67.0 |
| 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 68.0 |
| 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 69.0 |
| 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 70.0 |
| 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 71.0 |
| 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 72.0 |
| 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 73.0 |
| 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 74.0 |
| 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 75.0 |
| 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 76.0 |
| 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 77.0 |
| 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 78.0 |
| 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 79.0 |
| 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 80.0 |
| 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 81.0 |
| 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 82.0 |
| 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 83.0 |
| 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 84.0 |
| | | | | | | | | | |

2. *How do you think the world will be different in 20 years?*

the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is expected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is expected to reach 1.7 billion by the year 2015.

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TOTAL NUMBER OF OBSERVATIONS 42

the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015.

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 10

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• **Prevalence:** 10% of the population

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[illegible]TOTAL NUMBER OF OBSERVATIONS 10

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2. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

IN INCREASING ORDER

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| 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 99.1 | 99.0 | 98.9 | 98.8 | 98.7 | 98.6 | 98.5 | 98.4 | 98.3 | 98.2 | 98.1 | 98.0 | 97.9 | 97.8 | 97.7 | 97.6 | 97.5 | 97.4 | 97.3 | 97.2 | 97.1 | 97.0 | 96.9 | 96.8 | 96.7 | 96.6 | 96.5 | 96.4 | 96.3 | 96.2 | 96.1 | 96.0 | 95.9 | 95.8 | 95.7 | 95.6 | 95.5 | 95.4 | 95.3 | 95.2 | 95.1 | 95.0 | 94.9 | 94.8 | 94.7 | 94.6 | 94.5 | 94.4 | 94.3 | 94.2 | 94.1 | 94.0 | 93.9 | 93.8 | 93.7 | 93.6 | 93.5 | 93.4 | 93.3 | 93.2 | 93.1 | 93.0 | 92.9 | 92.8 | 92.7 | 92.6 | 92.5 | 92.4 | 92.3 | 92.2 | 92.1 | 92.0 | 91.9 | 91.8 | 91.7 | 91.6 | 91.5 | 91.4 | 91.3 | 91.2 | 91.1 | 91.0 | 90.9 | 90.8 | 90.7 | 90.6 | 90.5 | 90.4 | 90.3 | 90.2 | 90.1 | 90.0 | 89.9 | 89.8 | 89.7 | 89.6 | 89.5 | 89.4 | 89.3 | 89.2 | 89.1 | 89.0 | 88.9 | 88.8 | 88.7 | 88.6 | 88.5 | 88.4 | 88.3 | 88.2 | 88.1 | 88.0 | 87.9 | 87.8 | 87.7 | 87.6 | 87.5 | 87.4 | 87.3 | 87.2 | 87.1 | 87.0 | 86.9 | 86.8 | 86.7 | 86.6 | 86.5 | 86.4 | 86.3 | 86.2 | 86.1 | 86.0 | 85.9 | 85.8 | 85.7 | 85.6 | 85.5 | 85.4 | 85.3 | 85.2 | 85.1 | 85.0 | 84.9 | 84.8 | 84.7 | 84.6 | 84.5 | 84.4 | 84.3 | 84.2 | 84.1 | 84.0 | 83.9 | 83.8 | 83.7 | 83.6 | 83.5 | 83.4 | 83.3 | 83.2 | 83.1 | 83.0 | 82.9 | 82.8 | 82.7 | 82.6 | 82.5 | 82.4 | 82.3 | 82.2 | 82.1 | 82.0 | 81.9 | 81.8 | 81.7 | 81.6 | 81.5 | 81.4 | 81.3 | 81.2 | 81.1 | 81.0 | 80.9 | 80.8 | 80.7 | 80.6 | 80.5 | 80.4 | 80.3 | 80.2 | 80.1 | 80.0 | 79.9 | 79.8 | 79.7 | 79.6 | 79.5 | 79.4 | 79.3 | 79.2 | 79.1 | 79.0 | 78.9 | 78.8 | 78.7 | 78.6 | 78.5 | 78.4 | 78.3 | 78.2 | 78.1 | 78.0 | 77.9 | 77.8 | 77.7 | 77.6 | 77.5 | 77.4 | 77.3 | 77.2 | 77.1 | 77.0 | 76.9 | 76.8 | 76.7 | 76.6 | 76.5 | 76.4 | 76.3 | 76.2 | 76.1 | 76.0 | 75.9 | 75.8 | 75.7 | 75.6 | 75.5 | 75.4 | 75.3 | 75.2 | 75.1 | 75.0 | 74.9 | 74.8 | 74.7 | 74.6 | 74.5 | 74.4 | 74.3 | 74.2 | 74.1 | 74.0 | 73.9 | 73.8 | 73.7 | 73.6 | 73.5 | 73.4 | 73.3 | 73.2 | 73.1 | 73.0 | 72.9 | 72.8 | 72.7 | 72.6 | 72.5 | 72.4 | 72.3 | 72.2 | 72.1 | 72.0 | 71.9 | 71.8 | 71.7 | 71.6 | 71.5 | 71.4 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 | 69.7 | 69.6 | 69.5 | 69.4 | 69.3 | 69.2 | 69.1 | 69.0 | 68.9 | 68.8 | 68.7 | 68.6 | 68.5 | 68.4 | 68.3 | 68.2 | 68.1 | 68.0 | 67.9 | 67.8 | 67.7 | 67.6 | 67.5 | 67.4 | 67.3 | 67.2 | 67.1 | 67.0 | 66.9 | 66.8 | 66.7 | 66.6 | 66.5 | 66.4 | 66.3 | 66.2 | 66.1 | 66.0 | 65.9 | 65.8 | 65.7 | 65.6 | 65.5 | 65.4 | 65.3 | 65.2 | 65.1 | 65.0 | 64.9 | 64.8 | 64.7 | 64.6 | 64.5 | 64.4 | 64.3 | 64.2 | 64.1 | 64.0 | 63.9 | 63.8 | 63.7 | 63.6 | 63.5 | 63.4 | 63.3 | 63.2 | 63.1 | 63.0 | 62.9 | 62.8 | 62.7 | 62.6 | 62.5 | 62.4 | 62.3 | 62.2 | 62.1 | 62.0 | 61.9 | 61.8 | 61.7 | 61.6 | 61.5 | 61.4 | 61.3 | 61.2 | 61.1 | 61.0 | 60.9 | 60.8 | 60.7 | 60.6 | 60.5 | 60.4 | 60.3 | 60.2 | 60.1 | 60.0 | 59.9 | 59.8 | 59.7 | 59.6 | 59.5 | 59.4 | 59.3 | 59.2 | 59.1 | 59.0 | 58.9 | 58.8 | 58.7 | 58.6 | 58.5 | 58.4 | 58.3 | 58.2 | 58.1 | 58.0 | 57.9 | 57.8 | 57.7 | 57.6 | 57.5 | 57.4 | 57.3 | 57.2 | 57.1 | 57.0 | 56.9 | 56.8 | 56.7 | 56.6 | 56.5 | 56.4 | 56.3 | 56.2 | 56.1 | 56.0 | 55.9 | 55.8 | 55.7 | 55.6 | 55.5 | 55.4 | 55.3 | 55.2 | 55.1 | 55.0 | 54.9 | 54.8 | 54.7 | 54.6 | 54.5 | 54.4 | 54.3 | 54.2 | 54.1 | 54.0 | 53.9 | 53.8 | 53.7 | 53.6 | 53.5 | 53.4 | 53.3 | 53.2 | 53.1 | 53.0 | 52.9 | 52.8 | 52.7 | 52.6 | 52.5 | 52.4 | 52.3 | 52.2 | 52.1 | 52.0 | 51.9 | 51.8 | 51.7 | 51.6 | 51.5 | 51.4 | 51.3 | 51.2 | 51.1 | 51.0 | 50.9 | 50.8 | 50.7 | 50.6 | 50.5 | 50.4 | 50.3 | 50.2 | 50.1 | 50.0 | 49.9 | 49.8 | 49.7 | 49.6 | 49.5 | 49.4 | 49.3 | 49.2 | 49.1 | 49.0 | 48.9 | 48.8 | 48.7 | 48.6 | 48.5 | 48.4 | 48.3 | 48.2 | 48.1 | 48.0 | 47.9 | 47.8 | 47.7 | 47.6 | 47.5 | 47.4 | 47.3 | 47.2 | 47.1 | 47.0 | 46.9 | 46.8 | 46.7 | 46.6 | 46.5 | 46.4 | 46.3 | 46.2 | 46.1 | 46.0 | 45.9 | 45.8 | 45.7 | 45.6 | 45.5 | 45.4 | 45.3 | 45.2 | 45.1 | 45.0 | 44.9 | 44.8 | 44.7 | 44.6 | 44.5 | 44.4 | 44.3 | 44.2 | 44.1 | 44.0 | 43.9 | 43.8 | 43.7 | 43.6 | 43.5 | 43.4 | 43.3 | 43.2 | 43.1 | 43.0 | 42.9 | 42.8 | 42.7 | 42.6 | 42.5 | 42.4 | 42.3 | 42.2 | 42.1 | 42.0 | 41.9 | 41.8 | 41.7 | 41.6 | 41.5 | 41.4 | 41.3 | 41.2 | 41.1 | 41.0 | 40.9 | 40.8 | 40.7 | 40.6 | 40.5 | 40.4 | 40.3 | 40.2 | 40.1 | 40.0 | 39.9 | 39.8 | 39.7 | 39.6 | 39.5 | 39.4 | 39.3 | 39.2 | 39.1 | 39.0 | 38.9 | 38.8 | 38.7 | 38.6 | 38.5 | 38.4 | 38.3 | 38.2 | 38.1 | 38.0 | 37.9 | 37.8 | 37.7 | 37.6 | 37.5 | 37.4 | 37.3 | 37.2 | 37.1 | 37.0 | 36.9 | 36.8 | 36.7 | 36.6 | 36.5 | 36.4 | 36.3 | 36.2 | 36.1 | 36.0 | 35.9 | 35.8 | 35.7 | 35.6 | 35.5 | 35.4 | 35.3 | 35.2 | 35.1 | 35.0 | 34.9 | 34.8 | 34.7 | 34.6 | 34.5 | 34.4 | 34.3 | 34.2 | 34.1 | 34.0 | 33.9 | 33.8 | 33.7 | 33.6 | 33.5 | 33.4 | 33.3 | 33.2 | 33.1 | 33.0 | 32.9 | 32.8 | 32.7 | 32.6 | 32.5 | 32.4 | 32.3 | 32.2 | 32.1 | 32.0 | 31.9 | 31.8 | 31.7 | 31.6 | 31.5 | 31.4 | 31.3 | 31.2 | 31.1 | 31.0 | 30.9 | 30.8 | 30.7 | 30.6 | 30.5 | 30.4 | 30.3 | 30.2 | 30.1 | 30.0 | 29.9 | 29.8 | 29.7 | 29.6 | 29.5 | 29.4 | 29.3 | 29.2 | 29.1 | 29.0 | 28.9 | 28.8 | 28.7 | 28.6 | 28.5 | 28.4 | 28.3 | 28.2 | 28.1 | 28.0 | 27.9 | 27.8 | 27.7 | 27.6 | 27.5 | 27.4 | 27.3 | 27.2 | 27.1 | 27.0 | 26.9 | 26.8 | 26.7 | 26.6 | 26.5 | 26.4 | 26.3 | 26.2 | 26.1 | 26.0 | 25.9 | 25.8 | 25.7 | 25.6 | 25.5 | 25.4 | 25.3 | 25.2 | 25.1 | 25.0 | 24.9 | 24.8 | 24.7 | 24.6 | 24.5 | 24.4 | 24.3 | 24.2 | 24.1 | 24.0 | 23.9 | 23.8 | 23.7 | 23.6 | 23.5 | 23.4 | 23.3 | 23.2 | 23.1 | 23.0 | 22.9 | 22.8 | 22.7 | 22.6 | 22.5 | 22.4 | 22.3 | 22.2 | 22.1 | 22.0 | 21.9 | 21.8 | 21.7 | 21.6 | 21.5 | 21.4 | 21.3 | 21.2 | 21.1 | 21.0 | 20.9 | 20.8 | 20.7 | 20.6 | 20.5 | 20.4 | 20.3 | 20.2 | 20.1 | 20.0 | 19.9 | 19.8 | 19.7 | 19.6 | 19.5 | 19.4 | 19.3 | 19.2 | 19.1 | 19.0 | 18.9 | 18.8 | 18.7 | 18.6 | 18.5 | 18.4 | 18.3 | 18.2 | 18.1 | 18.0 | 17.9 | 17.8 | 17.7 | 17.6 | 17.5 | 17.4 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 16.2 | 16.1 | 16.0 | 15.9 | 15.8 | 15.7 | 15.6 | 15.5 | 15.4 | 15.3 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 | 14.3 | 14.2 | 14.1 | 14.0 | 13.9 | 13.8 | 13.7 | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.1 | 13.0 | 12.9 | 12.8 | 12.7 | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.8 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 9.1 | 9.0 | 8.9 | 8.8 | 8.7 | 8.6 | 8.5 | 8.4 | 8.3 | 8.2 | 8.1 | 8.0 | 7.9 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 | 7.1 | 7.0 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.4 | 6.3 | 6.2 | 6.1 | 6.0 | 5.9 | 5.8 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 5.0 | 4.9 | 4.8 | 4.7 | 4.6 | 4.5 | 4.4 | 4.3 | 4.2 | 4.1 | 4.0 | 3.9 | 3.8 | 3.7 | 3.6 | 3.5 | 3.4 | 3.3 | 3.2 | 3.1 | 3.0 | 2.9 | 2.8 | 2.7 | 2.6 | 2.5 | 2.4 | 2.3 | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|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TOTAL NUMBER OF OBSERVATIONS _____

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 250 million to 450 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

34

[illegible][illegible]TOTAL NUMBER OF OBSERVATIONS 24

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 40,000 OBSERVATIONS

1947-1948

OF THOUSANDS OF FEET

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| 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 63.0 | 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 64.0 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 65.0 | 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.1 | 100.2 | 100.3 | 100.4 | 100.5 | 100.6 | 100.7 | 100.8 | 100.9 | 101.0 | 101.1 | 101.2 | 101.3 | 101.4 | 101.5 | 101.6 | 101.7 | 101.8 | 101.9 | 102.0 | 102.1 | 102.2 | 102.3 | 102.4 | 102.5 | 102.6 | 102.7 | 102.8 | 102.9 | 103.0 | 103.1 | 103.2 | 103.3 | 103.4 | 103.5 | 103.6 | 103.7 | 103.8 | 103.9 | 104.0 | 104.1 | 104.2 | 104.3 | 104.4 | 104.5 | 104.6 | 104.7 | 104.8 | 104.9 | 105.0 | 105.1 | 105.2 | 105.3 | 105.4 | 105.5 | 105.6 | 105.7 | 105.8 | 105.9 | 106.0 | 106.1 | 106.2 | 106.3 | 106.4 | 106.5 | 106.6 | 106.7 | 106.8 | 106.9 | 107.0 | 107.1 | 107.2 | 107.3 | 107.4 | 107.5 | 107.6 | 107.7 | 107.8 | 107.9 | 108.0 | 108.1 | 108.2 | 108.3 | 108.4 | 108.5 | 108.6 | 108.7 | 108.8 | 108.9 | 109.0 | 109.1 | 109.2 | 109.3 | 109.4 | 109.5 | 109.6 | 109.7 | 109.8 | 109.9 | 110.0 | 110.1 | 110.2 | 110.3 | 110.4 | 110.5 | 110.6 | 110.7 | 110.8 | 110.9 | 111.0 | 111.1 | 111.2 | 111.3 | 111.4 | 111.5 | 111.6 | 111.7 | 111.8 | 111.9 | 112.0 | 112.1 | 112.2 | 112.3 | 112.4 | 112.5 | 112.6 | 112.7 | 112.8 | 112.9 | 113.0 | 113.1 | 113.2 | 113.3 | 113.4 | 113.5 | 113.6 | 113.7 | 113.8 | 113.9 | 114.0 | 114.1 | 114.2 | 114.3 | 114.4 | 114.5 | 114.6 | 114.7 | 114.8 | 114.9 | 115.0 | 115.1 | 115.2 | 115.3 | 115.4 | 115.5 | 115.6 | 115.7 | 115.8 | 115.9 | 116.0 | 116.1 | 116.2 | 116.3 | 116.4 | 116.5 | 116.6 | 116.7 | 116.8 | 116.9 | 117.0 | 117.1 | 117.2 | 117.3 | 117.4 | 117.5 | 117.6 | 117.7 | 117.8 | 117.9 | 118.0 | 118.1 | 118.2 | 118.3 | 118.4 | 118.5 | 118.6 | 118.7 | 118.8 | 118.9 | 119.0 | 119.1 | 119.2 | 119.3 | 119.4 | 119.5 | 119.6 | 119.7 | 119.8 | 119.9 | 120.0 | 120.1 | 120.2 | 120.3 | 120.4 | 120.5 | 120.6 | 120.7 | 120.8 | 120.9 | 121.0 | 121.1 | 121.2 | 121.3 | 121.4 | 121.5 | 121.6 | 121.7 | 121.8 | 121.9 | 122.0 | 122.1 | 122.2 | 122.3 | 122.4 | 122.5 | 122.6 | 122.7 | 122.8 | 122.9 | 123.0 | 123.1 | 123.2 | 123.3 | 123.4 | 123.5 | 123.6 | 123.7 | 123.8 | 123.9 | 124.0 | 124.1 | 124.2 | 124.3 | 124.4 | 124.5 | 124.6 | 124.7 | 124.8 | 124.9 | 125.0 | 125.1 | 125.2 | 125.3 | 125.4 | 125.5 | 125.6 | 125.7 | 125.8 | 125.9 | 126.0 | 126.1 | 126.2 | 126.3 | 126.4 | 126.5 | 126.6 | 126.7 | 126.8 | 126.9 | 127.0 | 127.1 | 127.2 | 127.3 | 127.4 | 127.5 | 127.6 | 127.7 | 127.8 | 127.9 | 128.0 | 128.1 | 128.2 | 128.3 | 128.4 | 128.5 | 128.6 | 128.7 | 128.8 | 128.9 | 129.0 | 129.1 | 129.2 | 129.3 | 129.4 | 129.5 | 129.6 | 129.7 | 129.8 | 129.9 | 130.0 | 130.1 | 130.2 | 130.3 | 130.4 | 130.5 | 130.6 | 130.7 | 130.8 | 130.9 | 131.0 | 131.1 | 131.2 | 131.3 | 131.4 | 131.5 | 131.6 | 131.7 | 131.8 | 131.9 | 132.0 | 132.1 | 132.2 | 132.3 | 132.4 | 1 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---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THE UNIVERSITY OF CHICAGO

TOTAL NUMBER OF OBSERVATIONS 2

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), 10⁸ cells/ml (c), and 10⁹ cells/ml (d). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), 10⁸ cells/ml (c), and 10⁹ cells/ml (d). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), 10⁸ cells/ml (c), and 10⁹ cells/ml (d).

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

100

TOTAL NUMBER OF OBSERVATIONS 100

2010年12月15日 星期三 12:00

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM MONTHLY OBSERVATIONS

UNITED STATES AIR FORCE

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 0 |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 900 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 800 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 700 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 600 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 500 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 400 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 300 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 200 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TOTAL NUMBER OF OBSERVATIONS 1000

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 10,000 OBSERVATIONS

OR (PERCENTAGE OF 10,000)

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| 100 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 99.1 | 99.0 | 98.9 | 98.8 | 98.7 | 98.6 | 98.5 | 98.4 | 98.3 | 98.2 | 98.1 | 98.0 | 97.9 | 97.8 | 97.7 | 97.6 | 97.5 | 97.4 | 97.3 | 97.2 | 97.1 | 97.0 | 96.9 | 96.8 | 96.7 | 96.6 | 96.5 | 96.4 | 96.3 | 96.2 | 96.1 | 96.0 | 95.9 | 95.8 | 95.7 | 95.6 | 95.5 | 95.4 | 95.3 | 95.2 | 95.1 | 95.0 | 94.9 | 94.8 | 94.7 | 94.6 | 94.5 | 94.4 | 94.3 | 94.2 | 94.1 | 94.0 | 93.9 | 93.8 | 93.7 | 93.6 | 93.5 | 93.4 | 93.3 | 93.2 | 93.1 | 93.0 | 92.9 | 92.8 | 92.7 | 92.6 | 92.5 | 92.4 | 92.3 | 92.2 | 92.1 | 92.0 | 91.9 | 91.8 | 91.7 | 91.6 | 91.5 | 91.4 | 91.3 | 91.2 | 91.1 | 91.0 | 90.9 | 90.8 | 90.7 | 90.6 | 90.5 | 90.4 | 90.3 | 90.2 | 90.1 | 90.0 | 89.9 | 89.8 | 89.7 | 89.6 | 89.5 | 89.4 | 89.3 | 89.2 | 89.1 | 89.0 | 88.9 | 88.8 | 88.7 | 88.6 | 88.5 | 88.4 | 88.3 | 88.2 | 88.1 | 88.0 | 87.9 | 87.8 | 87.7 | 87.6 | 87.5 | 87.4 | 87.3 | 87.2 | 87.1 | 87.0 | 86.9 | 86.8 | 86.7 | 86.6 | 86.5 | 86.4 | 86.3 | 86.2 | 86.1 | 86.0 | 85.9 | 85.8 | 85.7 | 85.6 | 85.5 | 85.4 | 85.3 | 85.2 | 85.1 | 85.0 | 84.9 | 84.8 | 84.7 | 84.6 | 84.5 | 84.4 | 84.3 | 84.2 | 84.1 | 84.0 | 83.9 | 83.8 | 83.7 | 83.6 | 83.5 | 83.4 | 83.3 | 83.2 | 83.1 | 83.0 | 82.9 | 82.8 | 82.7 | 82.6 | 82.5 | 82.4 | 82.3 | 82.2 | 82.1 | 82.0 | 81.9 | 81.8 | 81.7 | 81.6 | 81.5 | 81.4 | 81.3 | 81.2 | 81.1 | 81.0 | 80.9 | 80.8 | 80.7 | 80.6 | 80.5 | 80.4 | 80.3 | 80.2 | 80.1 | 80.0 | 79.9 | 79.8 | 79.7 | 79.6 | 79.5 | 79.4 | 79.3 | 79.2 | 79.1 | 79.0 | 78.9 | 78.8 | 78.7 | 78.6 | 78.5 | 78.4 | 78.3 | 78.2 | 78.1 | 78.0 | 77.9 | 77.8 | 77.7 | 77.6 | 77.5 | 77.4 | 77.3 | 77.2 | 77.1 | 77.0 | 76.9 | 76.8 | 76.7 | 76.6 | 76.5 | 76.4 | 76.3 | 76.2 | 76.1 | 76.0 | 75.9 | 75.8 | 75.7 | 75.6 | 75.5 | 75.4 | 75.3 | 75.2 | 75.1 | 75.0 | 74.9 | 74.8 | 74.7 | 74.6 | 74.5 | 74.4 | 74.3 | 74.2 | 74.1 | 74.0 | 73.9 | 73.8 | 73.7 | 73.6 | 73.5 | 73.4 | 73.3 | 73.2 | 73.1 | 73.0 | 72.9 | 72.8 | 72.7 | 72.6 | 72.5 | 72.4 | 72.3 | 72.2 | 72.1 | 72.0 | 71.9 | 71.8 | 71.7 | 71.6 | 71.5 | 71.4 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 | 69.7 | 69.6 | 69.5 | 69.4 | 69.3 | 69.2 | 69.1 | 69.0 | 68.9 | 68.8 | 68.7 | 68.6 | 68.5 | 68.4 | 68.3 | 68.2 | 68.1 | 68.0 | 67.9 | 67.8 | 67.7 | 67.6 | 67.5 | 67.4 | 67.3 | 67.2 | 67.1 | 67.0 | 66.9 | 66.8 | 66.7 | 66.6 | 66.5 | 66.4 | 66.3 | 66.2 | 66.1 | 66.0 | 65.9 | 65.8 | 65.7 | 65.6 | 65.5 | 65.4 | 65.3 | 65.2 | 65.1 | 65.0 | 64.9 | 64.8 | 64.7 | 64.6 | 64.5 | 64.4 | 64.3 | 64.2 | 64.1 | 64.0 | 63.9 | 63.8 | 63.7 | 63.6 | 63.5 | 63.4 | 63.3 | 63.2 | 63.1 | 63.0 | 62.9 | 62.8 | 62.7 | 62.6 | 62.5 | 62.4 | 62.3 | 62.2 | 62.1 | 62.0 | 61.9 | 61.8 | 61.7 | 61.6 | 61.5 | 61.4 | 61.3 | 61.2 | 61.1 | 61.0 | 60.9 | 60.8 | 60.7 | 60.6 | 60.5 | 60.4 | 60.3 | 60.2 | 60.1 | 60.0 | 59.9 | 59.8 | 59.7 | 59.6 | 59.5 | 59.4 | 59.3 | 59.2 | 59.1 | 59.0 | 58.9 | 58.8 | 58.7 | 58.6 | 58.5 | 58.4 | 58.3 | 58.2 | 58.1 | 58.0 | 57.9 | 57.8 | 57.7 | 57.6 | 57.5 | 57.4 | 57.3 | 57.2 | 57.1 | 57.0 | 56.9 | 56.8 | 56.7 | 56.6 | 56.5 | 56.4 | 56.3 | 56.2 | 56.1 | 56.0 | 55.9 | 55.8 | 55.7 | 55.6 | 55.5 | 55.4 | 55.3 | 55.2 | 55.1 | 55.0 | 54.9 | 54.8 | 54.7 | 54.6 | 54.5 | 54.4 | 54.3 | 54.2 | 54.1 | 54.0 | 53.9 | 53.8 | 53.7 | 53.6 | 53.5 | 53.4 | 53.3 | 53.2 | 53.1 | 53.0 | 52.9 | 52.8 | 52.7 | 52.6 | 52.5 | 52.4 | 52.3 | 52.2 | 52.1 | 52.0 | 51.9 | 51.8 | 51.7 | 51.6 | 51.5 | 51.4 | 51.3 | 51.2 | 51.1 | 51.0 | 50.9 | 50.8 | 50.7 | 50.6 | 50.5 | 50.4 | 50.3 | 50.2 | 50.1 | 50.0 | 49.9 | 49.8 | 49.7 | 49.6 | 49.5 | 49.4 | 49.3 | 49.2 | 49.1 | 49.0 | 48.9 | 48.8 | 48.7 | 48.6 | 48.5 | 48.4 | 48.3 | 48.2 | 48.1 | 48.0 | 47.9 | 47.8 | 47.7 | 47.6 | 47.5 | 47.4 | 47.3 | 47.2 | 47.1 | 47.0 | 46.9 | 46.8 | 46.7 | 46.6 | 46.5 | 46.4 | 46.3 | 46.2 | 46.1 | 46.0 | 45.9 | 45.8 | 45.7 | 45.6 | 45.5 | 45.4 | 45.3 | 45.2 | 45.1 | 45.0 | 44.9 | 44.8 | 44.7 | 44.6 | 44.5 | 44.4 | 44.3 | 44.2 | 44.1 | 44.0 | 43.9 | 43.8 | 43.7 | 43.6 | 43.5 | 43.4 | 43.3 | 43.2 | 43.1 | 43.0 | 42.9 | 42.8 | 42.7 | 42.6 | 42.5 | 42.4 | 42.3 | 42.2 | 42.1 | 42.0 | 41.9 | 41.8 | 41.7 | 41.6 | 41.5 | 41.4 | 41.3 | 41.2 | 41.1 | 41.0 | 40.9 | 40.8 | 40.7 | 40.6 | 40.5 | 40.4 | 40.3 | 40.2 | 40.1 | 40.0 | 39.9 | 39.8 | 39.7 | 39.6 | 39.5 | 39.4 | 39.3 | 39.2 | 39.1 | 39.0 | 38.9 | 38.8 | 38.7 | 38.6 | 38.5 | 38.4 | 38.3 | 38.2 | 38.1 | 38.0 | 37.9 | 37.8 | 37.7 | 37.6 | 37.5 | 37.4 | 37.3 | 37.2 | 37.1 | 37.0 | 36.9 | 36.8 | 36.7 | 36.6 | 36.5 | 36.4 | 36.3 | 36.2 | 36.1 | 36.0 | 35.9 | 35.8 | 35.7 | 35.6 | 35.5 | 35.4 | 35.3 | 35.2 | 35.1 | 35.0 | 34.9 | 34.8 | 34.7 | 34.6 | 34.5 | 34.4 | 34.3 | 34.2 | 34.1 | 34.0 | 33.9 | 33.8 | 33.7 | 33.6 | 33.5 | 33.4 | 33.3 | 33.2 | 33.1 | 33.0 | 32.9 | 32.8 | 32.7 | 32.6 | 32.5 | 32.4 | 32.3 | 32.2 | 32.1 | 32.0 | 31.9 | 31.8 | 31.7 | 31.6 | 31.5 | 31.4 | 31.3 | 31.2 | 31.1 | 31.0 | 30.9 | 30.8 | 30.7 | 30.6 | 30.5 | 30.4 | 30.3 | 30.2 | 30.1 | 30.0 | 29.9 | 29.8 | 29.7 | 29.6 | 29.5 | 29.4 | 29.3 | 29.2 | 29.1 | 29.0 | 28.9 | 28.8 | 28.7 | 28.6 | 28.5 | 28.4 | 28.3 | 28.2 | 28.1 | 28.0 | 27.9 | 27.8 | 27.7 | 27.6 | 27.5 | 27.4 | 27.3 | 27.2 | 27.1 | 27.0 | 26.9 | 26.8 | 26.7 | 26.6 | 26.5 | 26.4 | 26.3 | 26.2 | 26.1 | 26.0 | 25.9 | 25.8 | 25.7 | 25.6 | 25.5 | 25.4 | 25.3 | 25.2 | 25.1 | 25.0 | 24.9 | 24.8 | 24.7 | 24.6 | 24.5 | 24.4 | 24.3 | 24.2 | 24.1 | 24.0 | 23.9 | 23.8 | 23.7 | 23.6 | 23.5 | 23.4 | 23.3 | 23.2 | 23.1 | 23.0 | 22.9 | 22.8 | 22.7 | 22.6 | 22.5 | 22.4 | 22.3 | 22.2 | 22.1 | 22.0 | 21.9 | 21.8 | 21.7 | 21.6 | 21.5 | 21.4 | 21.3 | 21.2 | 21.1 | 21.0 | 20.9 | 20.8 | 20.7 | 20.6 | 20.5 | 20.4 | 20.3 | 20.2 | 20.1 | 20.0 | 19.9 | 19.8 | 19.7 | 19.6 | 19.5 | 19.4 | 19.3 | 19.2 | 19.1 | 19.0 | 18.9 | 18.8 | 18.7 | 18.6 | 18.5 | 18.4 | 18.3 | 18.2 | 18.1 | 18.0 | 17.9 | 17.8 | 17.7 | 17.6 | 17.5 | 17.4 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 16.2 | 16.1 | 16.0 | 15.9 | 15.8 | 15.7 | 15.6 | 15.5 | 15.4 | 15.3 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 | 14.3 | 14.2 | 14.1 | 14.0 | 13.9 | 13.8 | 13.7 | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.1 | 13.0 | 12.9 | 12.8 | 12.7 | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.8 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 9.1 | 9.0 | 8.9 | 8.8 | 8.7 | 8.6 | 8.5 | 8.4 | 8.3 | 8.2 | 8.1 | 8.0 | 7.9 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 | 7.1 | 7.0 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.4 | 6.3 | 6.2 | 6.1 | 6.0 | 5.9 | 5.8 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 5.0 | 4.9 | 4.8 | 4.7 | 4.6 | 4.5 | 4.4 | 4.3 | 4.2 | 4.1 | 4.0 | 3.9 | 3.8 | 3.7 | 3.6 | 3.5 | 3.4 | 3.3 | 3.2 | 3.1 | 3.0 | 2.9 | 2.8 | 2.7 | 2.6 | 2.5 | 2.4 | 2.3 | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 | -0.1 | -0.2 | -0.3 | -0.4 | -0.5 | -0.6 | -0.7 | -0.8 | -0.9 | -1.0 | -1.1 | -1.2 | -1.3 | -1.4 | -1.5 | -1.6 | -1.7 | -1.8 | -1.9 | -2.0 | -2.1 | -2.2 | -2.3 | -2.4 | -2.5 | -2.6 | -2.7 | -2.8 | -2.9 | -3.0 | -3.1 | -3.2 | -3.3 | -3.4 | -3.5 | -3.6 | -3.7 | -3.8 | -3.9 | -4.0 | -4.1 | -4.2 | -4.3 | -4.4 | -4.5 | -4.6 | -4.7 | -4.8 | -4.9 | -5.0 | -5.1 | -5.2 | -5.3 | -5.4 | -5.5 | -5.6 | -5.7 | -5.8 | -5.9 | -6.0 | -6.1 | -6.2 | -6.3 | -6.4 | -6.5 | -6.6 | -6.7 | -6.8 | -6.9 | -7.0 | -7.1 | -7.2 | -7.3 | -7.4 | -7.5 | -7.6 | -7.7 | -7.8 | -7.9 | -8.0 | -8.1 | -8.2 | -8.3 | -8.4 | -8.5 | -8.6 | -8.7 | -8.8 | -8.9 | -9.0 | -9.1 | -9.2 | -9.3 | -9.4 | -9.5 | -9.6 | -9.7 | -9.8 | -9.9 | -10.0 | -10.1 | -10.2 | -10.3 | -10.4 | -10.5 | -10.6 | -10.7 | -10.8 | -10.9 | -11.0 | -11.1 | -11.2 | -11.3 | -11.4 | -11.5 | -11.6 | -11.7 | -11.8 | -11.9 | -12.0 | -12.1 | -12.2 | -12.3 | -12.4 | -12.5 | -12.6 | -12.7 | -12.8 | -12.9 | -13.0 | -13.1 | -13.2 | -13.3 | -13.4 | -13.5 | -13.6 | -13.7 | -13.8 | -13.9 | -14.0 | -14.1 | -14.2 | -14.3 | -14.4 | -14.5 | -14.6 | -14.7 | -14.8 | -14.9 | -15.0 | -15.1 | -15.2 | -15.3 | -15.4 | -15.5 | -15.6 | -15.7 | -15.8 | -15.9 | -16.0 | -16.1 | -16.2 | -16.3 | -16.4 | -16.5 | -16.6 | -16.7 | -16.8 | -16.9 | -17.0 | -17.1 | -17.2 | -17.3 | -17.4 | -17.5 | -17.6 | -17.7 | -17.8 | -17.9 | -18.0 | -18.1 | -18.2 | -18.3 | -18.4 | -18.5 | -18.6 | -18.7 | -18.8 | -18.9 | -19.0 | -19.1 | -19.2 | -19.3 | -19.4 | -19.5 | -19.6 | -19.7 | -19.8 | -19.9 | -20.0 | -20.1 | -20.2 | -20.3 | -20.4 | -20.5 | -20.6 | -20.7 | -20.8 | -20.9 | -21.0 | -21.1 | -21.2 | -21.3 | -21.4 | -21.5 | -21.6 | -21.7 | -21.8 | -21.9 | -22.0 | -22.1 | -22.2 | -22.3 | -22.4 | -22.5 | -22.6 | -22.7 | -22.8 | -22.9 | -23.0 | -23.1 | -23.2 | -23.3 | -23.4 | -23.5 | -23.6 | -23.7 | -23.8 | -23.9 | -24.0 | -24.1 | -24.2 | -24.3 | -24.4 | -24.5 | -24.6 | -24.7 | -24.8 | -24.9 | -25.0 | -25.1 | -25.2 | -25.3 | -25.4 | -25.5 | -25.6 | -25.7 | -25.8 | -25.9 | -26.0 | -26.1 | -26.2 | -26.3 | -26.4 | -26.5 | -26.6 | -26.7 | -26.8 | -26.9 | -27.0 | -27.1 | -27.2 | -27.3 | -27.4 | -27.5 | -27.6 | -27.7 | -27.8 | -27.9 | -28.0 | -28.1 | -28.2 | -28.3 | -28.4 | -28.5 | -28.6 | -28.7 | -28.8 | -28.9 | -29.0 | -29.1 | -29.2 | -29.3 | -29.4 | -29.5 | -29.6 | -29.7 | -29.8 | -29.9 | -30.0 | -30.1 | -30.2 | -30.3 | -30.4 | -30.5 | -30.6 | -30.7 | -30.8 | -30.9 | -31.0 | -31.1 | -31.2 | -31.3 | -31.4 | -31.5 | -31.6 | -31.7 | -31.8 | -31.9 | -32.0 | -32.1 | -32.2 | -32.3 | -32.4 | -32.5 | -32.6 | -32.7 | -32.8 | -32.9 | -33.0 | -33.1 | -33.2 | -33.3 | -33.4 | -33.5 | -33.6 | -33.7 | -33.8 | -33.9 | -34.0 | -34.1 | -34.2 | -34.3 | -34.4 | -34.5 | -34.6 | -34.7 | -34.8 | -34.9 | -35.0 | -35.1 | -35.2 | -35.3 | -35.4 | -35.5 | -35.6 | -35.7 | -35.8 | -35.9 | -36.0 | -36.1 | -36.2 | -36.3 | -36.4 | -36.5 | -36.6 | -36.7 | -36.8 | -36.9 | -37.0 | -37.1 | -37.2 | -37.3 | -37.4 | -37.5 | -37.6 |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOUR-TO-HOUR OBSERVATIONS

STATION:

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 0 |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| 1000 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 900 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 800 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 700 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 600 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 500 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 400 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 300 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 200 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 100 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

TOTAL NUMBER OF OBSERVATIONS

the 1990s, the number of people in the world who are under 15 years of age is expected to increase by 1.5 billion, from 1.1 billion in 1990 to 2.6 billion in 2010. The number of people aged 65 and over is expected to increase by 1.1 billion, from 350 million in 1990 to 1.4 billion in 2010. The number of people aged 15-64 is expected to increase by 1.5 billion, from 2.5 billion in 1990 to 4.0 billion in 2010. The number of people aged 65 and over is expected to increase by 1.1 billion, from 350 million in 1990 to 1.4 billion in 2010. The number of people aged 15-64 is expected to increase by 1.5 billion, from 2.5 billion in 1990 to 4.0 billion in 2010.

[illegible]

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TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ON (NUMBER OF HOURS)

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 0 |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 900 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 800 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 700 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 600 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 400 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 300 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 200 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 100 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TABLE NO. 1

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1000 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 900 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 800 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 700 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 600 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 500 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 400 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 300 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 200 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 100 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 50 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 25 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 10 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 5 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 1 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS

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— 19 —

| | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 |
| 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 |
| 46.8 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 |
| 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.1 |
| 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 |
| 51.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 |
| 53.6 | 53.7 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 |
| 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 |
| 57.0 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 |
| 58.7 | 58.8 | 58.9 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 60.0 | 60.1 | 60.2 | 60.3 |
| 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 62.0 |
| 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 63.0 | 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 |
| 63.8 | 63.9 | 64.0 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 65.0 | 65.1 | 65.2 | 65.3 | 65.4 |
| 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 | 67.1 |
| 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 |
| 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 |
| 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 |
| 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 |
| 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 |
| 75.7 | 75.8 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 |
| 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 |
| 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 |
| 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 |
| 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 |
| 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 |
| 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | | |

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the 1990s, the number of people in the United States who are 65 years of age or older has increased by 50 percent, and the number of people 75 years of age or older has increased by 100 percent. The number of people 85 years of age or older has increased by 200 percent. The number of people 95 years of age or older has increased by 400 percent. The number of people 100 years of age or older has increased by 1,000 percent. The number of people 105 years of age or older has increased by 2,000 percent. The number of people 110 years of age or older has increased by 4,000 percent. The number of people 115 years of age or older has increased by 8,000 percent. The number of people 120 years of age or older has increased by 16,000 percent. The number of people 125 years of age or older has increased by 32,000 percent. The number of people 130 years of age or older has increased by 64,000 percent. The number of people 135 years of age or older has increased by 128,000 percent. The number of people 140 years of age or older has increased by 256,000 percent. The number of people 145 years of age or older has increased by 512,000 percent. The number of people 150 years of age or older has increased by 1,024,000 percent. The number of people 155 years of age or older has increased by 2,048,000 percent. The number of people 160 years of age or older has increased by 4,096,000 percent. The number of people 165 years of age or older has increased by 8,192,000 percent. The number of people 170 years of age or older has increased by 16,384,000 percent. The number of people 175 years of age or older has increased by 32,768,000 percent. The number of people 180 years of age or older has increased by 65,536,000 percent. The number of people 185 years of age or older has increased by 131,072,000 percent. The number of people 190 years of age or older has increased by 262,144,000 percent. The number of people 195 years of age or older has increased by 524,288,000 percent. The number of people 200 years of age or older has increased by 1,048,576,000 percent. The number of people 205 years of age or older has increased by 2,097,152,000 percent. The number of people 210 years of age or older has increased by 4,194,304,000 percent. The number of people 215 years of age or older has increased by 8,388,608,000 percent. The number of people 220 years of age or older has increased by 16,777,216,000 percent. The number of people 225 years of age or older has increased by 33,554,432,000 percent. The number of people 230 years of age or older has increased by 67,108,864,000 percent. The number of people 235 years of age or older has increased by 134,217,728,000 percent. The number of people 240 years of age or older has increased by 268,435,456,000 percent. The number of people 245 years of age or older has increased by 536,870,912,000 percent. The number of people 250 years of age or older has increased by 1,073,741,824,000 percent. The number of people 255 years of age or older has increased by 2,147,483,648,000 percent. The number of people 260 years of age or older has increased by 4,294,967,296,000 percent. The number of people 265 years of age or older has increased by 8,589,934,592,000 percent. The number of people 270 years of age or older has increased by 17,179,869,184,000 percent. The number of people 275 years of age or older has increased by 34,359,738,368,000 percent. The number of people 280 years of age or older has increased by 68,719,476,736,000 percent. The number of people 285 years of age or older has increased by 137,438,953,472,000 percent. The number of people 290 years of age or older has increased by 274,877,906,944,000 percent. The number of people 295 years of age or older has increased by 549,755,813,888,000 percent. The number of people 300 years of age or older has increased by 1,099,511,627,776,000 percent. The number of people 305 years of age or older has increased by 2,199,023,255,552,000 percent. The number of people 310 years of age or older has increased by 4,398,046,511,104,000 percent. The number of people 315 years of age or older has increased by 8,796,093,022,208,000 percent. The number of people 320 years of age or older has increased by 17,592,186,044,416,000 percent. The number of people 325 years of age or older has increased by 35,184,372,088,832,000 percent. The number of people 330 years of age or older has increased by 70,368,744,177,664,000 percent. The number of people 335 years of age or older has increased by 140,737,488,355,328,000 percent. The number of people 340 years of age or older has increased by 281,474,976,710,656,000 percent. The number of people 345 years of age or older has increased by 562,949,953,421,312,000 percent. The number of people 350 years of age or older has increased by 1,125,899,906,842,624,000 percent. The number of people 355 years of age or older has increased by 2,251,799,813,685,248,000 percent. The number of people 360 years of age or older has increased by 4,503,599,627,370,496,000 percent. The number of people 365 years of age or older has increased by 9,007,199,254,740,992,000 percent. The number of people 370 years of age or older has increased by 18,014,398,509,481,984,000 percent. The number of people 375 years of age or older has increased by 36,028,797,018,963,968,000 percent. The number of people 380 years of age or older has increased by 72,057,594,037,927,936,000 percent. The number of people 385 years of age or older has increased by 144,115,188,075,855,872,000 percent. The number of people 390 years of age or older has increased by 288,230,376,151,711,744,000 percent. The number of people 395 years of age or older has increased by 576,460,752,303,423,488,000 percent. The number of people 400 years of age or older has increased by 1,152,921,504,606,846,976,000 percent. The number of people 405 years of age or older has increased by 2,305,843,009,213,693,952,000 percent. The number of people 410 years of age or older has increased by 4,611,686,018,427,387,904,000 percent. The number of people 415 years of age or older has increased by 9,223,372,036,854,775,808,000 percent. The number of people 420 years of age or older has increased by 18,446,744,073,709,551,616,000 percent. The number of people 425 years of age or older has increased by 36,893,488,147,419,103,232,000 percent. The number of people 430 years of age or older has increased by 73,786,976,294,838,206,464,000 percent. The number of people 435 years of age or older has increased by 147,573,952,589,676,412,928,000 percent. The number of people 440 years of age or older has increased by 295,147,905,179,352,825,856,000 percent. The number of people 445 years of age or older has increased by 590,295,810,358,705,651,712,000 percent. The number of people 450 years of age or older has increased by 1,180,591,620,717,411,303,424,000 percent. The number of people 455 years of age or older has increased by 2,361,183,241,434,822,606,848,000 percent. The number of people 460 years of age or older has increased by 4,722,366,482,869,645,213,696,000 percent. The number of people 465 years of age or older has increased by 9,444,732,965,739,290,427,392,000 percent. The number of people 470 years of age or older has increased by 18,889,465,931,478,580,854,784,000 percent. The number of people 475 years of age or older has increased by 37,778,931,862,957,161,709,568,000 percent. The number of people 480 years of age or older has increased by 75,557,863,725,914,323,419,136,000 percent. The number of people 485 years of age or older has increased by 151,115,727,451,828,646,838,272,000 percent. The number of people 490 years of age or older has increased by 302,231,454,903,657,293,676,544,000 percent. The number of people 495 years of age or older has increased by 604,462,909,807,314,587,353,088,000 percent. The number of people 500 years of age or older has increased by 1,208,925,819,614,629,174,706,176,000 percent. The number of people 505 years of age or older has increased by 2,417,851,639,229,258,349,412,352,000 percent. The number of people 510 years of age or older has increased by 4,835,703,278,458,516,698,824,704,000 percent. The number of people 515 years of age or older has increased by 9,671,406,556,917,033,397,649,408,000 percent. The number of people 520 years of age or older has increased by 19,342,813,113,834,066,795,298,816,000 percent. The number of people 525 years of age or older has increased by 38,685,626,227,668,133,590,597,632,000 percent. The number of people 530 years of age or older has increased by 77,371,252,455,336,267,181,195,264,000 percent. The number of people 535 years of age or older has increased by 154,742,504,910,672,534,362,390,528,000 percent. The number of people 540 years of age or older has increased by 309,485,009,821,345,068,724,781,056,000 percent. The number of people 545 years of age or older has increased by 618,970,019,642,690,137,449,562,112,000 percent. The number of people 550 years of age or older has increased by 1,237,940,039,285,380,274,899,124,224,000 percent. The number of people 555 years of age or older has increased by 2,475,880,078,570,760,549,798,248,448,000 percent. The number of people 560 years of age or older has increased by 4,951,760,157,141,521,099,596,496,896,000 percent. The number of people 565 years of age or older has increased by 9,903,520,314,283,042,199,193,993,792,000 percent. The number of people 570 years of age or older has increased by 19,807,040,628,566,084,398,387,987,584,000 percent. The number of people 575 years of age or older has

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Figure 1. The effect of the concentration of the inhibitor on the rate of polymerization of α -methylstyrene in the presence of SnCl_4 at 25°C .

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 8 | | | | | | | | | | | | |

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|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 12.10 | 12.11 | 12.12 | 12.13 | 12.14 | 12.15 |
| 12.16 | 12.17 | 12.18 | 12.19 | 12.20 | 12.21 | 12.22 | 12.23 | 12.24 | 12.25 | 12.26 | 12.27 | 12.28 | 12.29 | 12.30 |
| 12.31 | 12.32 | 12.33 | 12.34 | 12.35 | 12.36 | 12.37 | 12.38 | 12.39 | 12.40 | 12.41 | 12.42 | 12.43 | 12.44 | 12.45 |
| 12.46 | 12.47 | 12.48 | 12.49 | 12.50 | 12.51 | 12.52 | 12.53 | 12.54 | 12.55 | 12.56 | 12.57 | 12.58 | 12.59 | 12.60 |
| 12.61 | 12.62 | 12.63 | 12.64 | 12.65 | 12.66 | 12.67 | 12.68 | 12.69 | 12.70 | 12.71 | 12.72 | 12.73 | 12.74 | 12.75 |
| 12.76 | 12.77 | 12.78 | 12.79 | 12.80 | 12.81 | 12.82 | 12.83 | 12.84 | 12.85 | 12.86 | 12.87 | 12.88 | 12.89 | 12.90 |
| 12.91 | 12.92 | 12.93 | 12.94 | 12.95 | 12.96 | 12.97 | 12.98 | 12.99 | 13.00 | 13.01 | 13.02 | 13.03 | 13.04 | 13.05 |
| 13.06 | 13.07 | 13.08 | 13.09 | 13.10 | 13.11 | 13.12 | 13.13 | 13.14 | 13.15 | 13.16 | 13.17 | 13.18 | 13.19 | 13.20 |
| 13.21 | 13.22 | 13.23 | 13.24 | 13.25 | 13.26 | 13.27 | 13.28 | 13.29 | 13.30 | 13.31 | 13.32 | 13.33 | 13.34 | 13.35 |
| 13.36 | 13.37 | 13.38 | 13.39 | 13.40 | 13.41 | 13.42 | 13.43 | 13.44 | 13.45 | 13.46 | 13.47 | 13.48 | 13.49 | 13.50 |
| 13.51 | 13.52 | 13.53 | 13.54 | 13.55 | 13.56 | 13.57 | 13.58 | 13.59 | 13.60 | 13.61 | 13.62 | 13.63 | 13.64 | 13.65 |
| 13.66 | 13.67 | 13.68 | 13.69 | 13.70 | 13.71 | 13.72 | 13.73 | 13.74 | 13.75 | 13.76 | 13.77 | 13.78 | 13.79 | 13.80 |
| 13.81 | 13.82 | 13.83 | 13.84 | 13.85 | 13.86 | 13.87 | 13.88 | 13.89 | 13.90 | 13.91 | 13.92 | 13.93 | 13.94 | 13.95 |
| 13.96 | 13.97 | 13.98 | 13.99 | 14.00 | 14.01 | 14.02 | 14.03 | 14.04 | 14.05 | 14.06 | 14.07 | 14.08 | 14.09 | 14.10 |
| 14.11 | 14.12 | 14.13 | 14.14 | 14.15 | 14.16 | 14.17 | 14.18 | 14.19 | 14.20 | 14.21 | 14.22 | 14.23 | 14.24 | 14.25 |
| 14.26 | 14.27 | 14.28 | 14.29 | 14.30 | 14.31 | 14.32 | 14.33 | 14.34 | 14.35 | 14.36 | 14.37 | 14.38 | 14.39 | 14.40 |
| 14.41 | 14.42 | 14.43 | 14.44 | 14.45 | 14.46 | 14.47 | 14.48 | 14.49 | 14.50 | 14.51 | 14.52 | 14.53 | 14.54 | 14.55 |
| 14.56 | 14.57 | 14.58 | 14.59 | 14.60 | 14.61 | 14.62 | 14.63 | 14.64 | 14.65 | 14.66 | 14.67 | 14.68 | 14.69 | 14.70 |
| 14.71 | 14.72 | 14.73 | 14.74 | 14.75 | 14.76 | 14.77 | 14.78 | 14.79 | 14.80 | 14.81 | 14.82 | 14.83 | 14.84 | 14.85 |
| 14.86 | 14.87 | 14.88 | 14.89 | 14.90 | 14.91 | 14.92 | 14.93 | 14.94 | 14.95 | 14.96 | 14.97 | 14.98 | 14.99 | 15.00 |
| 15.01 | 15.02 | 15.03 | 15.04 | 15.05 | 15.06 | 15.07 | 15.08 | 15.09 | 15.10 | 15.11 | 15.12 | 15.13 | 15.14 | 15.15 |
| 15.16 | 15.17 | 15.18 | 15.19 | 15.20 | 15.21 | 15.22 | 15.23 | 15.24 | 15.25 | 15.26 | 15.27 | 15.28 | 15.29 | 15.30 |
| 15.31 | 15.32 | 15.33 | 15.34 | 15.35 | 15.36 | 15.37 | 15.38 | 15.39 | 15.40 | 15.41 | 15.42 | 15.43 | 15.44 | 15.45 |
| 15.46 | 15.47 | 15.48 | 15.49 | 15.50 | 15.51 | 15.52 | 15.53 | 15.54 | 15.55 | 15.56 | 15.57 | 15.58 | 15.59 | 15.60 |
| 15.61 | 15.62 | 15.63 | 15.64 | 15.65 | 15.66 | 15.67 | 15.68 | 15.69 | 15.70 | 15.71 | 15.72 | 15.73 | 15.74 | 15.75 |
| 15.76 | 15.77 | 15.78 | 15.79 | 15.80 | 15.81 | 15.82 | 15.83 | 15.84 | 15.85 | 15.86 | 15.87 | 15.88 | 15.89 | 15.90 |
| 15.91 | 15.92 | 15.93 | 15.94 | 15.95 | 15.96 | 15.97 | | | | | | | | |

[illegible]

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4. The following table shows the number of persons in the population of the United States in 1950, 1955, and 1960, and the number of persons in the population of the United States in 1950, 1955, and 1960, who were aged 65 and over.

PERIOD AND FREQUENCY OF OCCURRENCE FROM 1962-63 OBSERVATIONS

(... 1952 : 123)

[illegible]

TOTAL NUMBER OF OBSERVATIONS 647

THE UNIVERSITY OF CHICAGO PRESS
CHICAGO, ILLINOIS 60607-7090

As

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| | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 51.0 | 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 51.0 |
| 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 52.0 |
| 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 53.0 |
| 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 54.0 |
| 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 55.0 |
| 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 56.0 |
| 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 57.0 |
| 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 58.0 |
| 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 59.0 |
| 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 60.0 |
| 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 61.0 | 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 61.0 |
| 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 62.0 |
| 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 63.0 | 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 63.0 |
| 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 64.0 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 64.0 |
| 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 65.0 | 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 65.0 |
| 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 66.0 |
| 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 67.0 |
| 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 68.0 |
| 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 69.0 |
| 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 70.0 |
| 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 71.0 |
| 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 72.0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 72.0 |
| 73.1 | 73.2 | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 12[illegible]

CEILING VERSUS VISIBILITY

PER CENTAGE FREQUENCY OF OCCURRENCE
FROM 100 HLY OBSERVATIONS

A

INDEX OF NAMES

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

... ..

[illegible]

11

[illegible][illegible]

[illegible]

100

[illegible]

(continued)

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[illegible]TOTAL NUMBER OF OBSERVATIONS 5

[illegible]

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | |
| 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 |
| 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 |
| 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 |
| 87.1 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 |
| 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 |
| 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 |
| 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.1 | 100.2 | 100.3 | 100.4 | 100.5 | 100.6 | 100.7 | 100.8 | 100.9 | 101.0 | 101.1 | 101.2 | 101.3 | 101.4 | 101.5 | 101.6 | 101.7 | 101.8 | 101.9 | 102.0 | 102.1 | 102.2 | 102.3 | 102.4 | 102.5 | 102.6 | 102.7 | 102.8 | 102.9 | 103.0 |

TOTAL NUMBER OF OBSERVATIONS 24

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HO BY OBSERVATIONS

UNCLASSIFIED - (U)

[illegible]TOTAL NUMBER OF OBSERVATIONS 10

... ..

1. METEOROLOGICAL STATION
 2. DATE
 3. TIME

CEILING VERSUS VISIBILITY

4. NAME OF STATION
 5. NAME OF OFFICER

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

6. NAME OF OFFICER

7. NAME OF OFFICER
 8. NAME OF OFFICER

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 900 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 800 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 700 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 600 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 500 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 400 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 300 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 200 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 100 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 50 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 25 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 10 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 5 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 2 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 1 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 0 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

OR THICKNESS OF MIST/FOG

| CEILING | 4000 | 3000 | 2000 | 1000 | 500 | 200 | 100 | 50 | 20 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 1000 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 500 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 200 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 100 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 50 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 20 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 10 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 45

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

(THOUSANDS OF FEET)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 63.0 | 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 64.0 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 65.0 | 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.1 | 100.2 | 100.3 | 100.4 | 100.5 | 100.6 | 100.7 | 100.8 | 100.9 | 101.0 | 101.1 | 101.2 | 101.3 | 101.4 | 101.5 | 101.6 | 101.7 | 101.8 | 101.9 | 102.0 | 102.1 | 102.2 | 102.3 | 102.4 | 102.5 | 102.6 | 102.7 | 102.8 | 102.9 | 103.0 | 103.1 | 103.2 | 103.3 | 103.4 | 103.5 | 103.6 | 103.7 | 103.8 | 103.9 | 104.0 | 104.1 | 104.2 | 104.3 | 104.4 | 104.5 | 104.6 | 104.7 | 104.8 | 104.9 | 105.0 | 105.1 | 105.2 | 105.3 | 105.4 | 105.5 | 105.6 | 105.7 | 105.8 | 105.9 | 106.0 | 106.1 | 106.2 | 106.3 | 106.4 | 106.5 | 106.6 | 106.7 | 106.8 | 106.9 | 107.0 | 107.1 | 107.2 | 107.3 | 107.4 | 107.5 | 107.6 | 107.7 | 107.8 | 107.9 | 108.0 | 108.1 | 108.2 | 108.3 | 108.4 | 108.5 | 108.6 | 108.7 | 108.8 | 108.9 | 109.0 | 109.1 | 109.2 | 109.3 | 109.4 | 109.5 | 109.6 | 109.7 | 109.8 | 109.9 | 110.0 | 110.1 | 110.2 | 110.3 | 110.4 | 110.5 | 110.6 | 110.7 | 110.8 | 110.9 | 111.0 | 111.1 | 111.2 | 111.3 | 111.4 | 111.5 | 111.6 | 111.7 | 111.8 | 111.9 | 112.0 | 112.1 | 112.2 | 112.3 | 112.4 | 112.5 | 112.6 | 112.7 | 112.8 | 112.9 | 113.0 | 113.1 | 113.2 | 113.3 | 113.4 | 113.5 | 113.6 | 113.7 | 113.8 | 113.9 | 114.0 | 114.1 | 114.2 | 114.3 | 114.4 | 114.5 | 114.6 | 114.7 | 114.8 | 114.9 | 115.0 | 115.1 | 115.2 | 115.3 | 115.4 | 115.5 | 115.6 | 115.7 | 115.8 | 115.9 | 116.0 | 116.1 | 116.2 | 116.3 | 116.4 | 116.5 | 116.6 | 116.7 | 116.8 | 116.9 | 117.0 | 117.1 | 117.2 | 117.3 | 117.4 | 117.5 | 117.6 | 117.7 | 117.8 | 117.9 | 118.0 | 118.1 | 118.2 | 118.3 | 118.4 | 118.5 | 118.6 | 118.7 | 118.8 | 118.9 | 119.0 | 119.1 | 119.2 | 119.3 | 119.4 | 119.5 | 119.6 | 119.7 | 119.8 | 119.9 | 120.0 | 120.1 | 120.2 | 120.3 | 120.4 | 120.5 | 120.6 | 120.7 | 120.8 | 120.9 | 121.0 | 121.1 | 121.2 | 121.3 | 121.4 | 121.5 | 121.6 | 121.7 | 121.8 | 121.9 | 122.0 | 122.1 | 122.2 | 122.3 | 122.4 | 122.5 | 122.6 | 122.7 | 122.8 | 122.9 | 123.0 | 123.1 | 123.2 | 123.3 | 123.4 | 123.5 | 123.6 | 123.7 | 123.8 | 123.9 | 124.0 | 124.1 | 124.2 | 124.3 | 124.4 | 124.5 | 124.6 | 124.7 | 124.8 | 124.9 | 125.0 | 125.1 | 125.2 | 125.3 | 125.4 | 125.5 | 125.6 | 125.7 | 125.8 | 125.9 | 126.0 | 126.1 | 126.2 | 126.3 | 126.4 | 126.5 | 126.6 | 126.7 | 126.8 | 126.9 | 127.0 | 127.1 | 127.2 | 127.3 | 127.4 | 127.5 | 127.6 | 127.7 | 127.8 | 127.9 | 128.0 | 128.1 | 128.2 | 128.3 | 128.4 | 128.5 | 128.6 | 128.7 | 128.8 | 128.9 | 129.0 | 129.1 | 129.2 | 129.3 | 129.4 | 129.5 | 129.6 | 129.7 | 129.8 | 129.9 | 130.0 | 130.1 | 130.2 | 130.3 | 130.4 | 130.5 | 130.6 | 130.7 | 130.8 | 130.9 | 131.0 | 131.1 | 131.2 | 131.3 | 131.4 | 131.5 | 131.6 | 131.7 | 131.8 | 131.9 | 132.0 | 132.1 | 132.2 | 132.3 | 132.4 | 132.5 | 132.6 | 132.7 | 132.8 | 132.9 | 13 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ON THOUSANDS OF METERS

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| 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 63.0 | 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 64.0 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 65.0 | 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.1 | 100.2 | 100.3 | 100.4 | 100.5 | 100.6 | 100.7 | 100.8 | 100.9 | 101.0 | 101.1 | 101.2 | 101.3 | 101.4 | 101.5 | 101.6 | 101.7 | 101.8 | 101.9 | 102.0 | 102.1 | 102.2 | 102.3 | 102.4 | 102.5 | 102.6 | 102.7 | 102.8 | 102.9 | 103.0 | 103.1 | 103.2 | 103.3 | 103.4 | 103.5 | 103.6 | 103.7 | 103.8 | 103.9 | 104.0 | 104.1 | 104.2 | 104.3 | 104.4 | 104.5 | 104.6 | 104.7 | 104.8 | 104.9 | 105.0 | 105.1 | 105.2 | 105.3 | 105.4 | 105.5 | 105.6 | 105.7 | 105.8 | 105.9 | 106.0 | 106.1 | 106.2 | 106.3 | 106.4 | 106.5 | 106.6 | 106.7 | 106.8 | 106.9 | 107.0 | 107.1 | 107.2 | 107.3 | 107.4 | 107.5 | 107.6 | 107.7 | 107.8 | 107.9 | 108.0 | 108.1 | 108.2 | 108.3 | 108.4 | 108.5 | 108.6 | 108.7 | 108.8 | 108.9 | 109.0 | 109.1 | 109.2 | 109.3 | 109.4 | 109.5 | 109.6 | 109.7 | 109.8 | 109.9 | 110.0 | 110.1 | 110.2 | 110.3 | 110.4 | 110.5 | 110.6 | 110.7 | 110.8 | 110.9 | 111.0 | 111.1 | 111.2 | 111.3 | 111.4 | 111.5 | 111.6 | 111.7 | 111.8 | 111.9 | 112.0 | 112.1 | 112.2 | 112.3 | 112.4 | 112.5 | 112.6 | 112.7 | 112.8 | 112.9 | 113.0 | 113.1 | 113.2 | 113.3 | 113.4 | 113.5 | 113.6 | 113.7 | 113.8 | 113.9 | 114.0 | 114.1 | 114.2 | 114.3 | 114.4 | 114.5 | 114.6 | 114.7 | 114.8 | 114.9 | 115.0 | 115.1 | 115.2 | 115.3 | 115.4 | 115.5 | 115.6 | 115.7 | 115.8 | 115.9 | 116.0 | 116.1 | 116.2 | 116.3 | 116.4 | 116.5 | 116.6 | 116.7 | 116.8 | 116.9 | 117.0 | 117.1 | 117.2 | 117.3 | 117.4 | 117.5 | 117.6 | 117.7 | 117.8 | 117.9 | 118.0 | 118.1 | 118.2 | 118.3 | 118.4 | 118.5 | 118.6 | 118.7 | 118.8 | 118.9 | 119.0 | 119.1 | 119.2 | 119.3 | 119.4 | 119.5 | 119.6 | 119.7 | 119.8 | 119.9 | 120.0 | 120.1 | 120.2 | 120.3 | 120.4 | 120.5 | 120.6 | 120.7 | 120.8 | 120.9 | 121.0 | 121.1 | 121.2 | 121.3 | 121.4 | 121.5 | 121.6 | 121.7 | 121.8 | 121.9 | 122.0 | 122.1 | 122.2 | 122.3 | 122.4 | 122.5 | 122.6 | 122.7 | 122.8 | 122.9 | 123.0 | 123.1 | 123.2 | 123.3 | 123.4 | 123.5 | 123.6 | 123.7 | 123.8 | 123.9 | 124.0 | 124.1 | 124.2 | 124.3 | 124.4 | 124.5 | 124.6 | 124.7 | 124.8 | 124.9 | 125.0 | 125.1 | 125.2 | 125.3 | 125.4 | 125.5 | 125.6 | 125.7 | 125.8 | 125.9 | 126.0 | 126.1 | 126.2 | 126.3 | 126.4 | 126.5 | 126.6 | 126.7 | 126.8 | 126.9 | 127.0 | 127.1 | 127.2 | 127.3 | 127.4 | 127.5 | 127.6 | 127.7 | 127.8 | 127.9 | 128.0 | 128.1 | 128.2 | 128.3 | 128.4 | 128.5 | 128.6 | 128.7 | 128.8 | 128.9 | 129.0 | 129.1 | 129.2 | 129.3 | 129.4 | 129.5 | 129.6 | 129.7 | 129.8 | 129.9 | 130.0 | 130.1 | 130.2 | 130.3 | 130.4 | 130.5 | 130.6 | 130.7 | 130.8 | 130.9 | 131.0 | 131.1 | 131.2 | 131.3 | 131.4 | 131.5 | 131.6 | 131.7 | 131.8 | 131.9 | 132.0 | 132.1 | 132.2 | 132.3 | 132.4 | 132.5 | 132.6 | 132.7 | 132.8 | 132.9 | 1 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---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Abstract—The purpose of this study was to determine if there were differences in the prevalence of musculoskeletal disorders among different types of workers. The subjects included all employees of a large manufacturing company who had been employed at least one year. Data were obtained from a questionnaire sent to each employee asking about symptoms of musculoskeletal disorders and work-related factors. The results showed that the prevalence of musculoskeletal disorders was higher among non-manual workers than manual workers. This difference remained after adjusting for age, sex, duration of employment, and smoking status. The prevalence of musculoskeletal disorders was also higher among those working in the production department than those working in other departments. This difference remained after adjusting for age, sex, duration of employment, and smoking status. The results suggest that non-manual workers are at greater risk of developing musculoskeletal disorders than manual workers, and that workers in the production department are at greater risk than those in other departments.

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[illegible]TOTAL NUMBER OF OBSERVATIONS 115

A B S T R A C T

[illegible][illegible]

1950

TOTAL NUMBER OF OBSERVATIONS _____

▲ 本報記者採訪時，曾向該公司負責人詢問：「貴公司在生產過程中，是否會產生一些廢料？」

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

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[illegible]

Table 1. *Salmonella* serotypes and phage types isolated from the 1997-1998 salmonellosis outbreak in the Netherlands

U.S. AIR FORCE
 WASHINGTON, D.C.
 15-48700-1

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

UNIT: INCHES OF WATER

| CEILING | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27 | 27-28 | 28-29 | 29-30 | 30-31 | 31-32 | 32-33 | 33-34 | 34-35 | 35-36 | 36-37 | 37-38 | 38-39 | 39-40 | 40-41 | 41-42 | 42-43 | 43-44 | 44-45 | 45-46 | 46-47 | 47-48 | 48-49 | 49-50 | 50-51 | 51-52 | 52-53 | 53-54 | 54-55 | 55-56 | 56-57 | 57-58 | 58-59 | 59-60 | 60-61 | 61-62 | 62-63 | 63-64 | 64-65 | 65-66 | 66-67 | 67-68 | 68-69 | 69-70 | 70-71 | 71-72 | 72-73 | 73-74 | 74-75 | 75-76 | 76-77 | 77-78 | 78-79 | 79-80 | 80-81 | 81-82 | 82-83 | 83-84 | 84-85 | 85-86 | 86-87 | 87-88 | 88-89 | 89-90 | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 98-99 | 99-100 | 100-101 | 101-102 | 102-103 | 103-104 | 104-105 | 105-106 | 106-107 | 107-108 | 108-109 | 109-110 | 110-111 | 111-112 | 112-113 | 113-114 | 114-115 | 115-116 | 116-117 | 117-118 | 118-119 | 119-120 | 120-121 | 121-122 | 122-123 | 123-124 | 124-125 | 125-126 | 126-127 | 127-128 | 128-129 | 129-130 | 130-131 | 131-132 | 132-133 | 133-134 | 134-135 | 135-136 | 136-137 | 137-138 | 138-139 | 139-140 | 140-141 | 141-142 | 142-143 | 143-144 | 144-145 | 145-146 | 146-147 | 147-148 | 148-149 | 149-150 | 150-151 | 151-152 | 152-153 | 153-154 | 154-155 | 155-156 | 156-157 | 157-158 | 158-159 | 159-160 | 160-161 | 161-162 | 162-163 | 163-164 | 164-165 | 165-166 | 166-167 | 167-168 | 168-169 | 169-170 | 170-171 | 171-172 | 172-173 | 173-174 | 174-175 | 175-176 | 176-177 | 177-178 | 178-179 | 179-180 | 180-181 | 181-182 | 182-183 | 183-184 | 184-185 | 185-186 | 186-187 | 187-188 | 188-189 | 189-190 | 190-191 | 191-192 | 192-193 | 193-194 | 194-195 | 195-196 | 196-197 | 197-198 | 198-199 | 199-200 | 200-201 | 201-202 | 202-203 | 203-204 | 204-205 | 205-206 | 206-207 | 207-208 | 208-209 | 209-210 | 210-211 | 211-212 | 212-213 | 213-214 | 214-215 | 215-216 | 216-217 | 217-218 | 218-219 | 219-220 | 220-221 | 221-222 | 222-223 | 223-224 | 224-225 | 225-226 | 226-227 | 227-228 | 228-229 | 229-230 | 230-231 | 231-232 | 232-233 | 233-234 | 234-235 | 235-236 | 236-237 | 237-238 | 238-239 | 239-240 | 240-241 | 241-242 | 242-243 | 243-244 | 244-245 | 245-246 | 246-247 | 247-248 | 248-249 | 249-250 | 250-251 | 251-252 | 252-253 | 253-254 | 254-255 | 255-256 | 256-257 | 257-258 | 258-259 | 259-260 | 260-261 | 261-262 | 262-263 | 263-264 | 264-265 | 265-266 | 266-267 | 267-268 | 268-269 | 269-270 | 270-271 | 271-272 | 272-273 | 273-274 | 274-275 | 275-276 | 276-277 | 277-278 | 278-279 | 279-280 | 280-281 | 281-282 | 282-283 | 283-284 | 284-285 | 285-286 | 286-287 | 287-288 | 288-289 | 289-290 | 290-291 | 291-292 | 292-293 | 293-294 | 294-295 | 295-296 | 296-297 | 297-298 | 298-299 | 299-300 | 300-301 | 301-302 | 302-303 | 303-304 | 304-305 | 305-306 | 306-307 | 307-308 | 308-309 | 309-310 | 310-311 | 311-312 | 312-313 | 313-314 | 314-315 | 315-316 | 316-317 | 317-318 | 318-319 | 319-320 | 320-321 | 321-322 | 322-323 | 323-324 | 324-325 | 325-326 | 326-327 | 327-328 | 328-329 | 329-330 | 330-331 | 331-332 | 332-333 | 333-334 | 334-335 | 335-336 | 336-337 | 337-338 | 338-339 | 339-340 | 340-341 | 341-342 | 342-343 | 343-344 | 344-345 | 345-346 | 346-347 | 347-348 | 348-349 | 349-350 | 350-351 | 351-352 | 352-353 | 353-354 | 354-355 | 355-356 | 356-357 | 357-358 | 358-359 | 359-360 | 360-361 | 361-362 | 362-363 | 363-364 | 364-365 | 365-366 | 366-367 | 367-368 | 368-369 | 369-370 | 370-371 | 371-372 | 372-373 | 373-374 | 374-375 | 375-376 | 376-377 | 377-378 | 378-379 | 379-380 | 380-381 | 381-382 | 382-383 | 383-384 | 384-385 | 385-386 | 386-387 | 387-388 | 388-389 | 389-390 | 390-391 | 391-392 | 392-393 | 393-394 | 394-395 | 395-396 | 396-397 | 397-398 | 398-399 | 399-400 | 400-401 | 401-402 | 402-403 | 403-404 | 404-405 | 405-406 | 406-407 | 407-408 | 408-409 | 409-410 | 410-411 | 411-412 | 412-413 | 413-414 | 414-415 | 415-416 | 416-417 | 417-418 | 418-419 | 419-420 | 420-421 | 421-422 | 422-423 | 423-424 | 424-425 | 425-426 | 426-427 | 427-428 | 428-429 | 429-430 | 430-431 | 431-432 | 432-433 | 433-434 | 434-435 | 435-436 | 436-437 | 437-438 | 438-439 | 439-440 | 440-441 | 441-442 | 442-443 | 443-444 | 444-445 | 445-446 | 446-447 | 447-448 | 448-449 | 449-450 | 450-451 | 451-452 | 452-453 | 453-454 | 454-455 | 455-456 | 456-457 | 457-458 | 458-459 | 459-460 | 460-461 | 461-462 | 462-463 | 463-464 | 464-465 | 465-466 | 466-467 | 467-468 | 468-469 | 469-470 | 470-471 | 471-472 | 472-473 | 473-474 | 474-475 | 475-476 | 476-477 | 477-478 | 478-479 | 479-480 | 480-481 | 481-482 | 482-483 | 483-484 | 484-485 | 485-486 | 486-487 | 487-488 | 488-489 | 489-490 | 490-491 | 491-492 | 492-493 | 493-494 | 494-495 | 495-496 | 496-497 | 497-498 | 498-499 | 499-500 | 500-501 | 501-502 | 502-503 | 503-504 | 504-505 | 505-506 | 506-507 | 507-508 | 508-509 | 509-510 | 510-511 | 511-512 | 512-513 | 513-514 | 514-515 | 515-516 | 516-517 | 517-518 | 518-519 | 519-520 | 520-521 | 521-522 | 522-523 | 523-524 | 524-525 | 525-526 | 526-527 | 527-528 | 528-529 | 529-530 | 530-531 | 531-532 | 532-533 | 533-534 | 534-535 | 535-536 | 536-537 | 537-538 | 538-539 | 539-540 | 540-541 | 541-542 | 542-543 | 543-544 | 544-545 | 545-546 | 546-547 | 547-548 | 548-549 | 549-550 | 550-551 | 551-552 | 552-553 | 553-554 | 554-555 | 555-556 | 556-557 | 557-558 | 558-559 | 559-560 | 560-561 | 561-562 | 562-563 | 563-564 | 564-565 | 565-566 | 566-567 | 567-568 | 568-569 | 569-570 | 570-571 | 571-572 | 572-573 | 573-574 | 574-575 | 575-576 | 576-577 | 577-578 | 578-579 | 579-580 | 580-581 | 581-582 | 582-583 | 583-584 | 584-585 | 585-586 | 586-587 | 587-588 | 588-589 | 589-590 | 590-591 | 591-592 | 592-593 | 593-594 | 594-595 | 595-596 | 596-597 | 597-598 | 598-599 | 599-600 | 600-601 | 601-602 | 602-603 | 603-604 | 604-605 | 605-606 | 606-607 | 607-608 | 608-609 | 609-610 | 610-611 | 611-612 | 612-613 | 613-614 | 614-615 | 615-616 | 616-617 | 617-618 | 618-619 | 619-620 | 620-621 | 621-622 | 622-623 | 623-624 | 624-625 | 625-626 | 626-627 | 627-628 | 628-629 | 629-630 | 630-631 | 631-632 | 632-633 | 633-634 | 634-635 | 635-636 | 636-637 | 637-638 | 638-639 | 639-640 | 640-641 | 641-642 | 642-643 | 643-644 | 644-645 | 645-646 | 646-647 | 647-648 | 648-649 | 649-650 | 650-651 | 651-652 | 652-653 | 653-654 | 654-655 | 655-656 | 656-657 | 657-658 | 658-659 | 659-660 | 660-661 | 661-662 | 662-663 | 663-664 | 664-665 | 665-666 | 666-667 | 667-668 | 668-669 | 669-670 | 670-671 | 671-672 | 672-673 | 673-674 | 674-675 | 675-676 | 676-677 | 677-678 | 678-679 | 679-680 | 680-681 | 681-682 | 682-683 | 683-684 | 684-685 | 685-686 | 686-687 | 687-688 | 688-689 | 689-690 | 690-691 | 691-692 | 692-693 | 693-694 | 694-695 | 695-696 | 696-697 | 697-698 | 698-699 | 699-700 | 700-701 | 701-702 | 702-703 | 703-704 | 704-705 | 705-706 | 706-707 | 707-708 | 708-709 | 709-710 | 710-711 | 711-712 | 712-713 | 713-714 | 714-715 | 715-716 | 716-717 | 717-718 | 718-719 | 719-720 | 720-721 | 721-722 | 722-723 | 723-724 | 724-725 | 725-726 | 726-727 | 727-728 | 728-729 | 729-730 | 730-731 | 731-732 | 732-733 | 733-734 | 734-735 | 735-736 | 736-737 | 737-738 | 738-739 | 739-740 | 740-741 | 741-742 | 742-743 | 743-744 | 744-745 | 745-746 | 746-747 | 747-748 | 748-749 | 749-750 | 750-751 | 751-752 | 752-753 | 753-754 | 754-755 | 755-756 | 756-757 | 757-758 | 758-759 | 759-760 | 760-761 | 761-762 | 762-763 | 763-764 | 764-765 | 765-766 | 766-767 | 767-768 | 768-769 | 769-770 | 770-771 | 771-772 | 772-773 | 773-774 | 774-775 | 775-776 | 776-777 | 777-778 | 778-779 | 779-780 | 780-781 | 781-782 | 782-783 | 783-784 | 784-785 | 785-786 | 786-787 | 787-788 | 788-789 | 789-790 | 790-791 | 791-792 | 792-793 | 793-794 | 794-795 | 795-796 | 796-797 | 797-798 | 798-799 | 799-800 | 800-801 | 801-802 | 802-803 | 803-804 | 804-805 | 805-806 | 806-807 | 807-808 | 808-809 | 809-810 | 810-811 | 811-812 | 812-813 | 813-814 | 814-815 | 815-816 | 816-817 | 817-818 | 818-819 | 819-820 | 820-821 | 821-822 | 822-823 | 823-824 | 824-825 | 825-826 | 826-827 | 827-828 | 828-829 | 829-830 | 830-831 | 831-832 | 832-833 | 833-834 | 834-835 | 835-836 | 836-837 | 837-838 | 838-839 | 839-840 | 840-841 | 841-842 | 842-843 | 843-844 | 844-845 | 845-846 | 846-847 | 847-848 | 848-849 | 849-850 | 850-851 | 851-852 | 852-853 | 853-854 | 854-855 | 855-856 | 856-857 | 857-858 | 858-859 | 859-860 | 860-861 | 861-862 | 862-863 | 863-864 | 864-865 | 865-866 | 866-867 | 867-868 | 868-869 | 869-870 | 870-871 | 871-872 | 872-873 | 873-874 | 874-875 | 875-876 | 876-877 | 877-878 | 878-879 | 879-880 | 880-881 | 881-882 | 882-883 | 883-884 | 884-885 | 885-886 | 886-887 | 887-888 | 888-889 | 889-890 | 890-891 | 891-892 | 892-893 | 893-894 | 894-895 | 895-896 | 896-897 | 897-898 | 898-899 | 899-900 | 900-901 | 901-902 | 902-903 | 903-904 | 904-905 | 905-906 | 906-907 | 907-908 | 908-909 | 909-910 | 910-911 | 911-912 | 912-913 | 913-914 | 914-915 | 915-916 | 916-917 | 917-918 | 918-919 | 919-920 | 920-921 | 921-922 | 922-923 | 923-924 | 924-925 | 925-926 | 926-927 | 927-928 | 928-929 | 929-930 | 930-931 | 931-932 | 932-933 | 933-934 | 934-935 | 935-936 | 936-937 | 937-938 | 938-939 | 939-940 | 940-941 | 941-942 | 942-943 | 943-944 | 944-945 | 945-946 | 946-947 | 947-948 | 948-949 | 949-950 | 950-951 | 951-952 | 952-953 | 953-954 | 954-955 | 955-956 | 956-957 | 957-958 | 958-959 | 959-960 | 960-961 | 961-962 | 962-963 | 963-964 | 964-965 | 965-966 | 966-967 | 967-968 | 968-969 | 969-970 | 970-971 | 971-972 | 972-973 | 973-974 | 974-975 | 975-976 | 976-977 | 977-978 | 978-979 | 979-980 | 980-981 | 981-982 | 982-983 | 983-984 | 984-985 | 985-986 | 986-987 | 987-988 | 988-989 | 989-990 | 990-991 | 991-992 | 992-993 | 993-994 | 994-995 | 995-996 | 996-997 | 997-998 | 998-999 | 999-1000 | 1000-1001 | 1001-1002 | 1002-1003 | 1003-1004 | 1004-1005 | 1005-1006 | 1006-1007 | 1007-1008 | 1008-1009 | 1009-1010 | 1010-1011 | 1011-1012 | 1012-1013 | 1013-1014 | 1014-1015 | 1015-1016 | 1016-1017 | 1017-1018 | 1018-1019 | 1019-1020 | 1020-1021 | 1021-1022 | 1022-1023 | 1023-1024 | 1024-102 |
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[illegible]TOTAL NUMBER OF OBSERVATIONS 64

20 (LAWYER'S F. METER)

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1947-23-1

OF THOUSANDS OF FEET

| CEILING | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27 | 27-28 | 28-29 | 29-30 | 30-31 | 31-32 | 32-33 | 33-34 | 34-35 | 35-36 | 36-37 | 37-38 | 38-39 | 39-40 | 40-41 | 41-42 | 42-43 | 43-44 | 44-45 | 45-46 | 46-47 | 47-48 | 48-49 | 49-50 | 50-51 | 51-52 | 52-53 | 53-54 | 54-55 | 55-56 | 56-57 | 57-58 | 58-59 | 59-60 | 60-61 | 61-62 | 62-63 | 63-64 | 64-65 | 65-66 | 66-67 | 67-68 | 68-69 | 69-70 | 70-71 | 71-72 | 72-73 | 73-74 | 74-75 | 75-76 | 76-77 | 77-78 | 78-79 | 79-80 | 80-81 | 81-82 | 82-83 | 83-84 | 84-85 | 85-86 | 86-87 | 87-88 | 88-89 | 89-90 | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 98-99 | 99-100 | 100-101 | 101-102 | 102-103 | 103-104 | 104-105 | 105-106 | 106-107 | 107-108 | 108-109 | 109-110 | 110-111 | 111-112 | 112-113 | 113-114 | 114-115 | 115-116 | 116-117 | 117-118 | 118-119 | 119-120 | 120-121 | 121-122 | 122-123 | 123-124 | 124-125 | 125-126 | 126-127 | 127-128 | 128-129 | 129-130 | 130-131 | 131-132 | 132-133 | 133-134 | 134-135 | 135-136 | 136-137 | 137-138 | 138-139 | 139-140 | 140-141 | 141-142 | 142-143 | 143-144 | 144-145 | 145-146 | 146-147 | 147-148 | 148-149 | 149-150 | 150-151 | 151-152 | 152-153 | 153-154 | 154-155 | 155-156 | 156-157 | 157-158 | 158-159 | 159-160 | 160-161 | 161-162 | 162-163 | 163-164 | 164-165 | 165-166 | 166-167 | 167-168 | 168-169 | 169-170 | 170-171 | 171-172 | 172-173 | 173-174 | 174-175 | 175-176 | 176-177 | 177-178 | 178-179 | 179-180 | 180-181 | 181-182 | 182-183 | 183-184 | 184-185 | 185-186 | 186-187 | 187-188 | 188-189 | 189-190 | 190-191 | 191-192 | 192-193 | 193-194 | 194-195 | 195-196 | 196-197 | 197-198 | 198-199 | 199-200 | 200-201 | 201-202 | 202-203 | 203-204 | 204-205 | 205-206 | 206-207 | 207-208 | 208-209 | 209-210 | 210-211 | 211-212 | 212-213 | 213-214 | 214-215 | 215-216 | 216-217 | 217-218 | 218-219 | 219-220 | 220-221 | 221-222 | 222-223 | 223-224 | 224-225 | 225-226 | 226-227 | 227-228 | 228-229 | 229-230 | 230-231 | 231-232 | 232-233 | 233-234 | 234-235 | 235-236 | 236-237 | 237-238 | 238-239 | 239-240 | 240-241 | 241-242 | 242-243 | 243-244 | 244-245 | 245-246 | 246-247 | 247-248 | 248-249 | 249-250 | 250-251 | 251-252 | 252-253 | 253-254 | 254-255 | 255-256 | 256-257 | 257-258 | 258-259 | 259-260 | 260-261 | 261-262 | 262-263 | 263-264 | 264-265 | 265-266 | 266-267 | 267-268 | 268-269 | 269-270 | 270-271 | 271-272 | 272-273 | 273-274 | 274-275 | 275-276 | 276-277 | 277-278 | 278-279 | 279-280 | 280-281 | 281-282 | 282-283 | 283-284 | 284-285 | 285-286 | 286-287 | 287-288 | 288-289 | 289-290 | 290-291 | 291-292 | 292-293 | 293-294 | 294-295 | 295-296 | 296-297 | 297-298 | 298-299 | 299-300 | 300-301 | 301-302 | 302-303 | 303-304 | 304-305 | 305-306 | 306-307 | 307-308 | 308-309 | 309-310 | 310-311 | 311-312 | 312-313 | 313-314 | 314-315 | 315-316 | 316-317 | 317-318 | 318-319 | 319-320 | 320-321 | 321-322 | 322-323 | 323-324 | 324-325 | 325-326 | 326-327 | 327-328 | 328-329 | 329-330 | 330-331 | 331-332 | 332-333 | 333-334 | 334-335 | 335-336 | 336-337 | 337-338 | 338-339 | 339-340 | 340-341 | 341-342 | 342-343 | 343-344 | 344-345 | 345-346 | 346-347 | 347-348 | 348-349 | 349-350 | 350-351 | 351-352 | 352-353 | 353-354 | 354-355 | 355-356 | 356-357 | 357-358 | 358-359 | 359-360 | 360-361 | 361-362 | 362-363 | 363-364 | 364-365 | 365-366 | 366-367 | 367-368 | 368-369 | 369-370 | 370-371 | 371-372 | 372-373 | 373-374 | 374-375 | 375-376 | 376-377 | 377-378 | 378-379 | 379-380 | 380-381 | 381-382 | 382-383 | 383-384 | 384-385 | 385-386 | 386-387 | 387-388 | 388-389 | 389-390 | 390-391 | 391-392 | 392-393 | 393-394 | 394-395 | 395-396 | 396-397 | 397-398 | 398-399 | 399-400 | 400-401 | 401-402 | 402-403 | 403-404 | 404-405 | 405-406 | 406-407 | 407-408 | 408-409 | 409-410 | 410-411 | 411-412 | 412-413 | 413-414 | 414-415 | 415-416 | 416-417 | 417-418 | 418-419 | 419-420 | 420-421 | 421-422 | 422-423 | 423-424 | 424-425 | 425-426 | 426-427 | 427-428 | 428-429 | 429-430 | 430-431 | 431-432 | 432-433 | 433-434 | 434-435 | 435-436 | 436-437 | 437-438 | 438-439 | 439-440 | 440-441 | 441-442 | 442-443 | 443-444 | 444-445 | 445-446 | 446-447 | 447-448 | 448-449 | 449-450 | 450-451 | 451-452 | 452-453 | 453-454 | 454-455 | 455-456 | 456-457 | 457-458 | 458-459 | 459-460 | 460-461 | 461-462 | 462-463 | 463-464 | 464-465 | 465-466 | 466-467 | 467-468 | 468-469 | 469-470 | 470-471 | 471-472 | 472-473 | 473-474 | 474-475 | 475-476 | 476-477 | 477-478 | 478-479 | 479-480 | 480-481 | 481-482 | 482-483 | 483-484 | 484-485 | 485-486 | 486-487 | 487-488 | 488-489 | 489-490 | 490-491 | 491-492 | 492-493 | 493-494 | 494-495 | 495-496 | 496-497 | 497-498 | 498-499 | 499-500 | 500-501 | 501-502 | 502-503 | 503-504 | 504-505 | 505-506 | 506-507 | 507-508 | 508-509 | 509-510 | 510-511 | 511-512 | 512-513 | 513-514 | 514-515 | 515-516 | 516-517 | 517-518 | 518-519 | 519-520 | 520-521 | 521-522 | 522-523 | 523-524 | 524-525 | 525-526 | 526-527 | 527-528 | 528-529 | 529-530 | 530-531 | 531-532 | 532-533 | 533-534 | 534-535 | 535-536 | 536-537 | 537-538 | 538-539 | 539-540 | 540-541 | 541-542 | 542-543 | 543-544 | 544-545 | 545-546 | 546-547 | 547-548 | 548-549 | 549-550 | 550-551 | 551-552 | 552-553 | 553-554 | 554-555 | 555-556 | 556-557 | 557-558 | 558-559 | 559-560 | 560-561 | 561-562 | 562-563 | 563-564 | 564-565 | 565-566 | 566-567 | 567-568 | 568-569 | 569-570 | 570-571 | 571-572 | 572-573 | 573-574 | 574-575 | 575-576 | 576-577 | 577-578 | 578-579 | 579-580 | 580-581 | 581-582 | 582-583 | 583-584 | 584-585 | 585-586 | 586-587 | 587-588 | 588-589 | 589-590 | 590-591 | 591-592 | 592-593 | 593-594 | 594-595 | 595-596 | 596-597 | 597-598 | 598-599 | 599-600 | 600-601 | 601-602 | 602-603 | 603-604 | 604-605 | 605-606 | 606-607 | 607-608 | 608-609 | 609-610 | 610-611 | 611-612 | 612-613 | 613-614 | 614-615 | 615-616 | 616-617 | 617-618 | 618-619 | 619-620 | 620-621 | 621-622 | 622-623 | 623-624 | 624-625 | 625-626 | 626-627 | 627-628 | 628-629 | 629-630 | 630-631 | 631-632 | 632-633 | 633-634 | 634-635 | 635-636 | 636-637 | 637-638 | 638-639 | 639-640 | 640-641 | 641-642 | 642-643 | 643-644 | 644-645 | 645-646 | 646-647 | 647-648 | 648-649 | 649-650 | 650-651 | 651-652 | 652-653 | 653-654 | 654-655 | 655-656 | 656-657 | 657-658 | 658-659 | 659-660 | 660-661 | 661-662 | 662-663 | 663-664 | 664-665 | 665-666 | 666-667 | 667-668 | 668-669 | 669-670 | 670-671 | 671-672 | 672-673 | 673-674 | 674-675 | 675-676 | 676-677 | 677-678 | 678-679 | 679-680 | 680-681 | 681-682 | 682-683 | 683-684 | 684-685 | 685-686 | 686-687 | 687-688 | 688-689 | 689-690 | 690-691 | 691-692 | 692-693 | 693-694 | 694-695 | 695-696 | 696-697 | 697-698 | 698-699 | 699-700 | 700-701 | 701-702 | 702-703 | 703-704 | 704-705 | 705-706 | 706-707 | 707-708 | 708-709 | 709-710 | 710-711 | 711-712 | 712-713 | 713-714 | 714-715 | 715-716 | 716-717 | 717-718 | 718-719 | 719-720 | 720-721 | 721-722 | 722-723 | 723-724 | 724-725 | 725-726 | 726-727 | 727-728 | 728-729 | 729-730 | 730-731 | 731-732 | 732-733 | 733-734 | 734-735 | 735-736 | 736-737 | 737-738 | 738-739 | 739-740 | 740-741 | 741-742 | 742-743 | 743-744 | 744-745 | 745-746 | 746-747 | 747-748 | 748-749 | 749-750 | 750-751 | 751-752 | 752-753 | 753-754 | 754-755 | 755-756 | 756-757 | 757-758 | 758-759 | 759-760 | 760-761 | 761-762 | 762-763 | 763-764 | 764-765 | 765-766 | 766-767 | 767-768 | 768-769 | 769-770 | 770-771 | 771-772 | 772-773 | 773-774 | 774-775 | 775-776 | 776-777 | 777-778 | 778-779 | 779-780 | 780-781 | 781-782 | 782-783 | 783-784 | 784-785 | 785-786 | 786-787 | 787-788 | 788-789 | 789-790 | 790-791 | 791-792 | 792-793 | 793-794 | 794-795 | 795-796 | 796-797 | 797-798 | 798-799 | 799-800 | 800-801 | 801-802 | 802-803 | 803-804 | 804-805 | 805-806 | 806-807 | 807-808 | 808-809 | 809-810 | 810-811 | 811-812 | 812-813 | 813-814 | 814-815 | 815-816 | 816-817 | 817-818 | 818-819 | 819-820 | 820-821 | 821-822 | 822-823 | 823-824 | 824-825 | 825-826 | 826-827 | 827-828 | 828-829 | 829-830 | 830-831 | 831-832 | 832-833 | 833-834 | 834-835 | 835-836 | 836-837 | 837-838 | 838-839 | 839-840 | 840-841 | 841-842 | 842-843 | 843-844 | 844-845 | 845-846 | 846-847 | 847-848 | 848-849 | 849-850 | 850-851 | 851-852 | 852-853 | 853-854 | 854-855 | 855-856 | 856-857 | 857-858 | 858-859 | 859-860 | 860-861 | 861-862 | 862-863 | 863-864 | 864-865 | 865-866 | 866-867 | 867-868 | 868-869 | 869-870 | 870-871 | 871-872 | 872-873 | 873-874 | 874-875 | 875-876 | 876-877 | 877-878 | 878-879 | 879-880 | 880-881 | 881-882 | 882-883 | 883-884 | 884-885 | 885-886 | 886-887 | 887-888 | 888-889 | 889-890 | 890-891 | 891-892 | 892-893 | 893-894 | 894-895 | 895-896 | 896-897 | 897-898 | 898-899 | 899-900 | 900-901 | 901-902 | 902-903 | 903-904 | 904-905 | 905-906 | 906-907 | 907-908 | 908-909 | 909-910 | 910-911 | 911-912 | 912-913 | 913-914 | 914-915 | 915-916 | 916-917 | 917-918 | 918-919 | 919-920 | 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1016-1017 | 1017-1018 | 1018-1019 | 1019-1020 | 1020-1021 | 1021-1022 | 1022-1023 | 1023-1024 | 1024-1025 | 1025-1026 | 1 |
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--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---|

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

NOV

1950-1951

OR (THICKNESS OF MIST)

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1000 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 900 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 800 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 700 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 600 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 500 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 400 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 300 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 200 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 100 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 50 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 25 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 10 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

RELATIVE FREQUENCY OF OCCURRENCE
FROM 100 OBSERVATIONS

1. NAME OF THE PARTY

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 11

1. THEORY OF THE CASE

TOTAL NUMBER OF OBSERVATIONS _____

1. ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 12-27-2011 BY 60322

CEILING VERSUS VISIBILITY

2. THIS DATA WAS OBTAINED FROM
A SURVEY OF THE AIR FORCE
AND NAVY AIRCRAFT

4-75, 77-67

T.M.

188V

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1-1-74

10 (HUNDREDS OF METERS)

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| 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 | 210 | 220 | 230 | 240 | 250 | 260 | 270 | 280 | 290 | 300 | 310 | 320 | 330 | 340 | 350 | 360 | 370 | 380 | 390 | 400 | 410 | 420 | 430 | 440 | 450 | 460 | 470 | 480 | 490 | 500 | 510 | 520 | 530 | 540 | 550 | 560 | 570 | 580 | 590 | 600 | 610 | 620 | 630 | 640 | 650 | 660 | 670 | 680 | 690 | 700 | 710 | 720 | 730 | 740 | 750 | 760 | 770 | 780 | 790 | 800 | 810 | 820 | 830 | 840 | 850 | 860 | 870 | 880 | 890 | 900 | 910 | 920 | 930 | 940 | 950 | 960 | 970 | 980 | 990 | 1000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 63.0 | 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 64.0 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 65.0 | 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 42

1. ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 12-27-2011 BY 60322

[illegible]

34

[illegible]TOTAL NUMBER OF OBSERVATIONS 43

4-76, 7-3

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PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

222

2.2. MATERIALS

[illegible]TOTAL NUMBER OF OBSERVATIONS 121

1. *Journal of the American Medical Association*, 1990; 263: 1025-1026.

CEILING VERSUS VISIBILITY

7:15

404

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

100-24400

22 INCASAS OF MEXICO

[illegible]TOTAL NUMBER OF OBSERVATIONS 120

60-16

7-53

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PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

[illegible]TOTAL NUMBER OF OBSERVATIONS 11

... A ...

CEILING VERSUS VISIBILITY

4-75, 77-78

11

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1957

OF (UNCLASSIFIED) (FBI/DOJ)

[illegible]TOTAL NUMBER OF OBSERVATIONS 547

THE UNIVERSITY OF CHICAGO PRESS

440

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 56

2. The *Journal of the American Medical Association* (JAMA) is a leading medical journal. It is published weekly and contains a wide range of medical research and clinical studies. The JAMA is known for its high standards of scientific rigor and its commitment to providing the latest information to the medical community.

25

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|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 19.0 |
| 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 |
| 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 |
| 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 |
| 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 |
| 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 |
| 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 |
| 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 |
| 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 |
| 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 |
| 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 |
| 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 |
| 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 |
| 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 |
| 43.8 | 43.9 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 |
| 45.7 | 45.8 | 45.9 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 |
| 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 |
| 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 | 51.3 |
| 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 |
| 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 |
| 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.0 |
| 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 |
| 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 |
| 60.9 | 61.0 | 61.1 | 61.2 | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 252

441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

1. TITLE: CEILING VERSUS VISIBILITY
2. DATE: 10-15-57
3. LOCATION: WASHINGTON, D.C.

CEILING VERSUS VISIBILITY

4. NAME: [illegible]

5. DATE: 10-15-57

6. TIME: [illegible]

7. PAGE: 1

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

100-1000

OR (INCREASING OF MATERIAL)

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 20 | 10 | 5 | 2 | 1 | 0 |
|---------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 99.1 | 99.0 | 98.9 | 98.8 | 98.7 | 98.6 | 98.5 | 98.4 |
| 900 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 |
| 800 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 |
| 700 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 |
| 600 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 |
| 500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 |
| 400 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 |
| 300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| 200 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 |
| 100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 |
| 50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 |
| 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 |
| 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 |
| 5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 |
| 2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 |
| 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 |
| 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |

TOTAL NUMBER OF OBSERVATIONS: 1000

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)

| CEILING (FEET) | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27 | 27-28 | 28-29 | 29-30 | 30-31 | 31-32 | 32-33 | 33-34 | 34-35 | 35-36 | 36-37 | 37-38 | 38-39 | 39-40 | 40-41 | 41-42 | 42-43 | 43-44 | 44-45 | 45-46 | 46-47 | 47-48 | 48-49 | 49-50 | 50-51 | 51-52 | 52-53 | 53-54 | 54-55 | 55-56 | 56-57 | 57-58 | 58-59 | 59-60 | 60-61 | 61-62 | 62-63 | 63-64 | 64-65 | 65-66 | 66-67 | 67-68 | 68-69 | 69-70 | 70-71 | 71-72 | 72-73 | 73-74 | 74-75 | 75-76 | 76-77 | 77-78 | 78-79 | 79-80 | 80-81 | 81-82 | 82-83 | 83-84 | 84-85 | 85-86 | 86-87 | 87-88 | 88-89 | 89-90 | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 98-99 | 99-100 | 100-101 | 101-102 | 102-103 | 103-104 | 104-105 | 105-106 | 106-107 | 107-108 | 108-109 | 109-110 | 110-111 | 111-112 | 112-113 | 113-114 | 114-115 | 115-116 | 116-117 | 117-118 | 118-119 | 119-120 | 120-121 | 121-122 | 122-123 | 123-124 | 124-125 | 125-126 | 126-127 | 127-128 | 128-129 | 129-130 | 130-131 | 131-132 | 132-133 | 133-134 | 134-135 | 135-136 | 136-137 | 137-138 | 138-139 | 139-140 | 140-141 | 141-142 | 142-143 | 143-144 | 144-145 | 145-146 | 146-147 | 147-148 | 148-149 | 149-150 | 150-151 | 151-152 | 152-153 | 153-154 | 154-155 | 155-156 | 156-157 | 157-158 | 158-159 | 159-160 | 160-161 | 161-162 | 162-163 | 163-164 | 164-165 | 165-166 | 166-167 | 167-168 | 168-169 | 169-170 | 170-171 | 171-172 | 172-173 | 173-174 | 174-175 | 175-176 | 176-177 | 177-178 | 178-179 | 179-180 | 180-181 | 181-182 | 182-183 | 183-184 | 184-185 | 185-186 | 186-187 | 187-188 | 188-189 | 189-190 | 190-191 | 191-192 | 192-193 | 193-194 | 194-195 | 195-196 | 196-197 | 197-198 | 198-199 | 199-200 | 200-201 | 201-202 | 202-203 | 203-204 | 204-205 | 205-206 | 206-207 | 207-208 | 208-209 | 209-210 | 210-211 | 211-212 | 212-213 | 213-214 | 214-215 | 215-216 | 216-217 | 217-218 | 218-219 | 219-220 | 220-221 | 221-222 | 222-223 | 223-224 | 224-225 | 225-226 | 226-227 | 227-228 | 228-229 | 229-230 | 230-231 | 231-232 | 232-233 | 233-234 | 234-235 | 235-236 | 236-237 | 237-238 | 238-239 | 239-240 | 240-241 | 241-242 | 242-243 | 243-244 | 244-245 | 245-246 | 246-247 | 247-248 | 248-249 | 249-250 | 250-251 | 251-252 | 252-253 | 253-254 | 254-255 | 255-256 | 256-257 | 257-258 | 258-259 | 259-260 | 260-261 | 261-262 | 262-263 | 263-264 | 264-265 | 265-266 | 266-267 | 267-268 | 268-269 | 269-270 | 270-271 | 271-272 | 272-273 | 273-274 | 274-275 | 275-276 | 276-277 | 277-278 | 278-279 | 279-280 | 280-281 | 281-282 | 282-283 | 283-284 | 284-285 | 285-286 | 286-287 | 287-288 | 288-289 | 289-290 | 290-291 | 291-292 | 292-293 | 293-294 | 294-295 | 295-296 | 296-297 | 297-298 | 298-299 | 299-300 | 300-301 | 301-302 | 302-303 | 303-304 | 304-305 | 305-306 | 306-307 | 307-308 | 308-309 | 309-310 | 310-311 | 311-312 | 312-313 | 313-314 | 314-315 | 315-316 | 316-317 | 317-318 | 318-319 | 319-320 | 320-321 | 321-322 | 322-323 | 323-324 | 324-325 | 325-326 | 326-327 | 327-328 | 328-329 | 329-330 | 330-331 | 331-332 | 332-333 | 333-334 | 334-335 | 335-336 | 336-337 | 337-338 | 338-339 | 339-340 | 340-341 | 341-342 | 342-343 | 343-344 | 344-345 | 345-346 | 346-347 | 347-348 | 348-349 | 349-350 | 350-351 | 351-352 | 352-353 | 353-354 | 354-355 | 355-356 | 356-357 | 357-358 | 358-359 | 359-360 | 360-361 | 361-362 | 362-363 | 363-364 | 364-365 | 365-366 | 366-367 | 367-368 | 368-369 | 369-370 | 370-371 | 371-372 | 372-373 | 373-374 | 374-375 | 375-376 | 376-377 | 377-378 | 378-379 | 379-380 | 380-381 | 381-382 | 382-383 | 383-384 | 384-385 | 385-386 | 386-387 | 387-388 | 388-389 | 389-390 | 390-391 | 391-392 | 392-393 | 393-394 | 394-395 | 395-396 | 396-397 | 397-398 | 398-399 | 399-400 | 400-401 | 401-402 | 402-403 | 403-404 | 404-405 | 405-406 | 406-407 | 407-408 | 408-409 | 409-410 | 410-411 | 411-412 | 412-413 | 413-414 | 414-415 | 415-416 | 416-417 | 417-418 | 418-419 | 419-420 | 420-421 | 421-422 | 422-423 | 423-424 | 424-425 | 425-426 | 426-427 | 427-428 | 428-429 | 429-430 | 430-431 | 431-432 | 432-433 | 433-434 | 434-435 | 435-436 | 436-437 | 437-438 | 438-439 | 439-440 | 440-441 | 441-442 | 442-443 | 443-444 | 444-445 | 445-446 | 446-447 | 447-448 | 448-449 | 449-450 | 450-451 | 451-452 | 452-453 | 453-454 | 454-455 | 455-456 | 456-457 | 457-458 | 458-459 | 459-460 | 460-461 | 461-462 | 462-463 | 463-464 | 464-465 | 465-466 | 466-467 | 467-468 | 468-469 | 469-470 | 470-471 | 471-472 | 472-473 | 473-474 | 474-475 | 475-476 | 476-477 | 477-478 | 478-479 | 479-480 | 480-481 | 481-482 | 482-483 | 483-484 | 484-485 | 485-486 | 486-487 | 487-488 | 488-489 | 489-490 | 490-491 | 491-492 | 492-493 | 493-494 | 494-495 | 495-496 | 496-497 | 497-498 | 498-499 | 499-500 | 500-501 | 501-502 | 502-503 | 503-504 | 504-505 | 505-506 | 506-507 | 507-508 | 508-509 | 509-510 | 510-511 | 511-512 | 512-513 | 513-514 | 514-515 | 515-516 | 516-517 | 517-518 | 518-519 | 519-520 | 520-521 | 521-522 | 522-523 | 523-524 | 524-525 | 525-526 | 526-527 | 527-528 | 528-529 | 529-530 | 530-531 | 531-532 | 532-533 | 533-534 | 534-535 | 535-536 | 536-537 | 537-538 | 538-539 | 539-540 | 540-541 | 541-542 | 542-543 | 543-544 | 544-545 | 545-546 | 546-547 | 547-548 | 548-549 | 549-550 | 550-551 | 551-552 | 552-553 | 553-554 | 554-555 | 555-556 | 556-557 | 557-558 | 558-559 | 559-560 | 560-561 | 561-562 | 562-563 | 563-564 | 564-565 | 565-566 | 566-567 | 567-568 | 568-569 | 569-570 | 570-571 | 571-572 | 572-573 | 573-574 | 574-575 | 575-576 | 576-577 | 577-578 | 578-579 | 579-580 | 580-581 | 581-582 | 582-583 | 583-584 | 584-585 | 585-586 | 586-587 | 587-588 | 588-589 | 589-590 | 590-591 | 591-592 | 592-593 | 593-594 | 594-595 | 595-596 | 596-597 | 597-598 | 598-599 | 599-600 | 600-601 | 601-602 | 602-603 | 603-604 | 604-605 | 605-606 | 606-607 | 607-608 | 608-609 | 609-610 | 610-611 | 611-612 | 612-613 | 613-614 | 614-615 | 615-616 | 616-617 | 617-618 | 618-619 | 619-620 | 620-621 | 621-622 | 622-623 | 623-624 | 624-625 | 625-626 | 626-627 | 627-628 | 628-629 | 629-630 | 630-631 | 631-632 | 632-633 | 633-634 | 634-635 | 635-636 | 636-637 | 637-638 | 638-639 | 639-640 | 640-641 | 641-642 | 642-643 | 643-644 | 644-645 | 645-646 | 646-647 | 647-648 | 648-649 | 649-650 | 650-651 | 651-652 | 652-653 | 653-654 | 654-655 | 655-656 | 656-657 | 657-658 | 658-659 | 659-660 | 660-661 | 661-662 | 662-663 | 663-664 | 664-665 | 665-666 | 666-667 | 667-668 | 668-669 | 669-670 | 670-671 | 671-672 | 672-673 | 673-674 | 674-675 | 675-676 | 676-677 | 677-678 | 678-679 | 679-680 | 680-681 | 681-682 | 682-683 | 683-684 | 684-685 | 685-686 | 686-687 | 687-688 | 688-689 | 689-690 | 690-691 | 691-692 | 692-693 | 693-694 | 694-695 | 695-696 | 696-697 | 697-698 | 698-699 | 699-700 | 700-701 | 701-702 | 702-703 | 703-704 | 704-705 | 705-706 | 706-707 | 707-708 | 708-709 | 709-710 | 710-711 | 711-712 | 712-713 | 713-714 | 714-715 | 715-716 | 716-717 | 717-718 | 718-719 | 719-720 | 720-721 | 721-722 | 722-723 | 723-724 | 724-725 | 725-726 | 726-727 | 727-728 | 728-729 | 729-730 | 730-731 | 731-732 | 732-733 | 733-734 | 734-735 | 735-736 | 736-737 | 737-738 | 738-739 | 739-740 | 740-741 | 741-742 | 742-743 | 743-744 | 744-745 | 745-746 | 746-747 | 747-748 | 748-749 | 749-750 | 750-751 | 751-752 | 752-753 | 753-754 | 754-755 | 755-756 | 756-757 | 757-758 | 758-759 | 759-760 | 760-761 | 761-762 | 762-763 | 763-764 | 764-765 | 765-766 | 766-767 | 767-768 | 768-769 | 769-770 | 770-771 | 771-772 | 772-773 | 773-774 | 774-775 | 775-776 | 776-777 | 777-778 | 778-779 | 779-780 | 780-781 | 781-782 | 782-783 | 783-784 | 784-785 | 785-786 | 786-787 | 787-788 | 788-789 | 789-790 | 790-791 | 791-792 | 792-793 | 793-794 | 794-795 | 795-796 | 796-797 | 797-798 | 798-799 | 799-800 | 800-801 | 801-802 | 802-803 | 803-804 | 804-805 | 805-806 | 806-807 | 807-808 | 808-809 | 809-810 | 810-811 | 811-812 | 812-813 | 813-814 | 814-815 | 815-816 | 816-817 | 817-818 | 818-819 | 819-820 | 820-821 | 821-822 | 822-823 | 823-824 | 824-825 | 825-826 | 826-827 | 827-828 | 828-829 | 829-830 | 830-831 | 831-832 | 832-833 | 833-834 | 834-835 | 835-836 | 836-837 | 837-838 | 838-839 | 839-840 | 840-841 | 841-842 | 842-843 | 843-844 | 844-845 | 845-846 | 846-847 | 847-848 | 848-849 | 849-850 | 850-851 | 851-852 | 852-853 | 853-854 | 854-855 | 855-856 | 856-857 | 857-858 | 858-859 | 859-860 | 860-861 | 861-862 | 862-863 | 863-864 | 864-865 | 865-866 | 866-867 | 867-868 | 868-869 | 869-870 | 870-871 | 871-872 | 872-873 | 873-874 | 874-875 | 875-876 | 876-877 | 877-878 | 878-879 | 879-880 | 880-881 | 881-882 | 882-883 | 883-884 | 884-885 | 885-886 | 886-887 | 887-888 | 888-889 | 889-890 | 890-891 | 891-892 | 892-893 | 893-894 | 894-895 | 895-896 | 896-897 | 897-898 | 898-899 | 899-900 | 900-901 | 901-902 | 902-903 | 903-904 | 904-905 | 905-906 | 906-907 | 907-908 | 908-909 | 909-910 | 910-911 | 911-912 | 912-913 | 913-914 | 914-915 | 915-916 | 916-917 | 917-918 | 918-919 | 919-920 | 920-921 | 921-922 | 922-923 | 923-924 | 924-925 | 925-926 | 926-927 | 927-928 | 928-929 | 929-930 | 930-931 | 931-932 | 932-933 | 933-934 | 934-935 | 935-936 | 936-937 | 937-938 | 938-939 | 939-940 | 940-941 | 941-942 | 942-943 | 943-944 | 944-945 | 945-946 | 946-947 | 947-948 | 948-949 | 949-950 | 950-951 | 951-952 | 952-953 | 953-954 | 954-955 | 955-956 | 956-957 | 957-958 | 958-959 | 959-960 | 960-961 | 961-962 | 962-963 | 963-964 | 964-965 | 965-966 | 966-967 | 967-968 | 968-969 | 969-970 | 970-971 | 971-972 | 972-973 | 973-974 | 974-975 | 975-976 | 976-977 | 977-978 | 978-979 | 979-980 | 980-981 | 981-982 | 982-983 | 983-984 | 984-985 | 985-986 | 986-987 | 987-988 | 988-989 | 989-990 | 990-991 | 991-992 | 992-993 | 993-994 | 994-995 | 995-996 | 996-997 | 997-998 | 998-999 | 999-1000 | 1000-1001 | 1001-1002 | 1002-1003 | 1003-1004 | 1004-1005 | 1005-1006 | 1006-1007 | 1007-1008 | 1008-1009 | 1009-1010 | 1010-1011 | 1011-1012 | 1012-1013 | 1013-1014 | 1014-1015 | 1015-1016 | 1016-1017 | 1017-1018 | 1018-1019 | 1019-1020 | 1020-1021 | 1021-1022 | 1022-1023 | 1023-1024 | 1024-1025 | 1025-1026 | 1026-1027 | 1027-1028 | 1028-1029 | 1029- |
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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of representations follows:

1. Cumulative percentage frequency of occurrence--derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily HIGH temperatures (for available observations)
- b. Daily LOW temperatures (for available observations)
- c. Daily mean temperatures (high + low temperatures divided by two)

2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and available 3-hour groups with all years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

Continued on Reverse

3. Means and standard deviations These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables: DRY BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

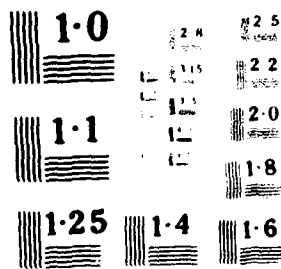
4. Cumulative percentage frequency of occurrence of relative humidity--This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

UNCLASSIFIED

ANSRACK AHP GERMANY LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LISOC5)(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. SEP 84
USAFIAC/DS-84/030 SBI-AD-E850 754 F/G 4/2

NL

A 10x10 grid of squares, with the top-left square missing.



74

2. RACH AND S. CHARY

2. RICHARD L. DUNN

• • •

16-24

• • •

DAILY TEMPERATURES

RELATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

W. L. J. M. U. W.

[illegible]

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 13.5' | 17.4' | 45.2' | 52.5' | 61.8' | 67.9' | 71.4' | 75.5' | 65.1' | 54.8' | 42.1' | 34.8' | 23.1' |
| 7.272 | 7.564 | 8.977 | 9.651 | 9.153 | 8.781 | 9.091 | 7.921 | 7.768 | 8.76 | 8.383 | 7.504 | 6.022 |
| 485' | 47' | 45' | 475' | 44' | 434' | 431' | 443' | 47' | 446' | 42' | 437' | 526' |

1) SAFETAC (OL A) 001-2-1 (1/1/70) 10-1000 000 000 000

DAILY TEMPERATURES

20-144

42470

[illegible]

| | | | | | | | | | | | | |
|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|-------|--------|
| 16.0 | 20.7 | 23.5 | 27.8 | 46.4 | 52.6 | 55.5 | 54.5 | 49.1 | 41.9 | 34.4 | 26.7 | 4.8 |
| 10.64 | 7.510 | 6.843 | 6.465 | 6.64 | 5.685 | 5.287 | 4.968 | 5.718 | 7.163 | 7.01 | 8.094 | 12.197 |
| 464 | ? | 450 | 425 | 441 | 434 | 431 | 443 | 43 | 466 | 42 | 437 | 5268 |

USAFETAC (OL A) [REDACTED]

U.S. AIR FORCE CLIMATE DIVISION
 AFMSTAC
 AIR FORCE WEATHER SERVICE/AFAC
 1000
 ANDSPACH AMP GERMANY
 1000

DAILY TEMPERATURES

65-84

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM DAILY OBSERVATIONS

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 1 | | | | | | | | | | | | | .1 |
| 2 | | | | | | | | | | | | | .6 |
| 3 | | | | | | | | | | | | | 1.9 |
| 4 | | | | | | | | | | | | | 1.4 |
| 5 | | | | | | | | | | | | | 1.4 |
| 6 | | | | | | | | | | | | | 34.6 |
| 7 | | | | | | | | | | | | | 45.9 |
| 8 | | | | | | | | | | | | | 55.9 |
| 9 | | | | | | | | | | | | | 66.9 |
| 10 | | | | | | | | | | | | | 74.6 |
| 11 | | | | | | | | | | | | | 89.9 |
| 12 | | | | | | | | | | | | | 95.2 |
| 13 | | | | | | | | | | | | | 98.2 |
| 14 | | | | | | | | | | | | | 99.4 |
| 15 | | | | | | | | | | | | | 99.8 |
| 16 | | | | | | | | | | | | | 100.0 |

MEAN 25.4 33.3 39.6 45.4 54.3 61.5 63.7 62.8 57.4 48.6 38.5 32.0 47.0
 5.288 7.105 7.313 7.412 6.910 6.708 6.649 5.684 5.977 6.821 7.389 7.633 13.786
 467 477 458 475 487 434 431 443 430 446 420 477 5068

1. The first step is to identify the key components of the system. This includes understanding the hardware, software, and data involved.

MOON

| Temp | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-------|------|----------|----------|-----------|--|
| F | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | |
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TABLE 3

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| Temp | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
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| STATION NAME | YEAR | MONTH | HOUR |
|--------------|------|-------|------|
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| START DATE | START ON BOARD | YEARS | MONTH | HOURS | ST |
|------------|----------------|-------|-------|-------|----|
|------------|----------------|-------|-------|-------|----|

| Temp | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-----------|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------------------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | Total | |
| Rel Hum | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | |
| Dry Bulb | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | |
| Wet Bulb | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | |
| Dew Point | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | |

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| STATION | STATION NAME | YEARS | MONTH | HOURS | | | | | | | | |
|-----------|-------------------------------------|---|--------------|-------------------------|---------|------------------------------------|------|------|------|------|-------|--|
| Temp | WET BULB TEMPERATURE DEPRESSION (F) | | TOTAL | TOTAL | | | | | | | | |
| | 0 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | D.B. | Bulb Wet Bulb Dew Point | | | | | | | | |
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| 31 | | | | | | | | | | | | |
| Element | Σx | Σx^2 | Σx^3 | Σx^4 | No. Obs | Mean No. of Hours with Temperature | | | | | Total | |
| Rel. Hum. | 110.5 | 12210 | 1350000 | 15125000 | 30 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | |
| Dry Bulb | 104.5 | 10920 | 1140000 | 12125000 | 30 | | | | | | | |
| Wet Bulb | 104.5 | 10920 | 1140000 | 12125000 | 30 | | | | | | | |
| Dew Point | 104.5 | 10920 | 1140000 | 12125000 | 30 | | | | | | | |

| STATE | STATE OR NAME | FEARS | REMARKS |
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEAR | MONTH |
|---------|--------------|------|-------|
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PSYCHROMETRIC SUMMARY

STATE OF NEW YORK

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MONITOR

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1. *Pharmaceuticals*—The pharmaceutical industry is the largest and most profitable of the major industries in the United States. It is a highly competitive industry with a high degree of technological sophistication. The industry is characterized by a high degree of concentration, with a few large firms dominating the market. The industry is also characterized by a high degree of innovation, with new drugs being developed at a rapid pace.

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YES

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MOUSE

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PSYCHROMETRIC SUMMARY

MONITOR

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| Temp | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|-----------|-------------------------------------|---|------|---|------|---|-------|---|-----|---|------|----|-------|----|------|----|------|----|------|----|------|----|-------|----|----|----|----|----|----|----|----|-------|--------------------|----------|-----------|--|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | | |
| Rel Hum | 62677 | | 582 | | 86.3 | | 3.363 | | 622 | | 10 F | | 132 F | | 67 F | | 73 F | | 80 F | | 93 F | | Total | | | | | | | | | | | | | | | |
| Dry Bulb | 77577 | | 5774 | | 35.8 | | 6.467 | | 622 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 77577 | | 5774 | | 35.8 | | 6.467 | | 622 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 64507 | | 5257 | | 37.7 | | 7.356 | | 622 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
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| No. Obs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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TABLE 2

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Figure 1

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| STATE | STATE OR NAME |
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| AL | ALABAMA |
| AK | ALASKA |
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| CA | CALIFORNIA |
| CO | COLORADO |
| CT | CONNECTICUT |
| DE | DELAWARE |
| FL | FLORIDA |
| GA | GEORGIA |
| HI | HAWAII |
| IA | IOWA |
| IL | ILLINOIS |
| IN | INDIANA |
| KS | KANSAS |
| KY | KENTUCKY |
| LA | LOUISIANA |
| MA | MASSACHUSETTS |
| MD | MARYLAND |
| ME | MAINE |
| MI | MICHIGAN |
| MN | MINNESOTA |
| MO | MISSOURI |
| MS | MISSISSIPPI |
| MT | MONTANA |
| NE | NEBRASKA |
| NH | NEW HAMPSHIRE |
| NJ | NEW JERSEY |
| NM | NEW MEXICO |
| NY | NEW YORK |
| NC | NORTH CAROLINA |
| ND | NORTH DAKOTA |
| OH | OHIO |
| OK | OKLAHOMA |
| OR | OREGON |
| PA | PENNSYLVANIA |
| RI | RHODE ISLAND |
| SC | SOUTH CAROLINA |
| SD | SOUTH DAKOTA |
| TN | TENNESSEE |
| TX | TEXAS |
| UT | UTAH |
| VA | VIRGINIA |
| VT | VERMONT |
| WA | WASHINGTON |
| WI | WISCONSIN |
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PSYCHROMETRIC SUMMARY

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| TOTAL | TOTAL |
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D.B.W.B Dry Bulb Wet Bulb Dew Point

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| STATION | STATION NAME | YEARS | MONTH |
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 91. The ninety-first group of authors (e.g., *Amato, 1990*)
 92. The ninety-second group of authors (e.g., *Amato, 1990*)
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 98. The ninety-eighth group of authors (e.g., *Amato, 1990*)
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| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
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1. 1990年12月1日以前，在《民法通则》施行以前，因侵权行为造成他人财产损失的，适用侵权行为发生地的法律。

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 36. *Chlorophyll aj* (Chl *aj*)
 37. *Chlorophyll ak* (Chl *ak*)
 38. *Chlorophyll al* (Chl *al*)
 39. *Chlorophyll am* (Chl *am*)
 40. *Chlorophyll an* (Chl *an*)
 41. *Chlorophyll ao* (Chl *ao*)
 42. *Chlorophyll ap* (Chl *ap*)
 43. *Chlorophyll aq* (Chl *aq*)
 44. *Chlorophyll ar* (Chl *ar*)
 45. *Chlorophyll as* (Chl *as*)
 46. *Chlorophyll at* (Chl *at*)
 47. *Chlorophyll au* (Chl *au*)
 48. *Chlorophyll av* (Chl *av*)
 49. *Chlorophyll aw* (Chl *aw*)
 50. *Chlorophyll ax* (Chl *ax*)
 51. *Chlorophyll ay* (Chl *ay*)
 52. *Chlorophyll az* (Chl *az*)
 53. *Chlorophyll aza* (Chl *aza*)
 54. *Chlorophyll abz* (Chl *abz*)
 55. *Chlorophyll acz* (Chl *acz*)
 56. *Chlorophyll adz* (Chl *adz*)
 57. *Chlorophyll aez* (Chl *aez*)
 58. *Chlorophyll afz* (Chl *afz*)
 59. *Chlorophyll agz* (Chl *agz*)
 60. *Chlorophyll ahz* (Chl *ahz*)
 61. *Chlorophyll aiz* (Chl *aiz*)
 62. *Chlorophyll ajz* (Chl *ajz*)
 63. *Chlorophyll akz* (Chl *akz*)
 64. *Chlorophyll alz* (Chl *alz*)
 65. *Chlorophyll amz* (Chl *amz*)
 66. *Chlorophyll anz* (Chl *anz*)
 67. *Chlorophyll aoz* (Chl *aoz*)
 68. *Chlorophyll apz* (Chl *apz*)
 69. *Chlorophyll aqz* (Chl *aqz*)
 70. *Chlorophyll arz* (Chl *arz*)
 71. *Chlorophyll asz* (Chl *asz*)
 72. *Chlorophyll atz* (Chl *atz*)
 73. *Chlorophyll auz* (Chl *auz*)
 74. *Chlorophyll avz* (Chl *avz*)
 75. *Chlorophyll awz* (Chl *awz*)
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 77. *Chlorophyll ayz* (Chl *ayz*)
 78. *Chlorophyll azz* (Chl *azz*)
 79. *Chlorophyll azaa* (Chl *aza*
 80. *Chlorophyll abz* (Chl *abz*)
 81. *Chlorophyll acz* (Chl *acz*)
 82. *Chlorophyll adz* (Chl *adz*)
 83. *Chlorophyll aez* (Chl *aez*)
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 86. *Chlorophyll ahz* (Chl *ahz*)
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 95. *Chlorophyll aqz* (Chl *aqz*)
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 102. *Chlorophyll axz* (Chl *axz*)
 103. *Chlorophyll ayz* (Chl *ayz*)
 104. *Chlorophyll azz* (Chl *azz*)
 105. *Chlorophyll azaa* (Chl *aza*
 106. *Chlorophyll abz* (Chl *abz*)
 107. *Chlorophyll acz* (Chl *acz*)
 108. *Chlorophyll adz* (Chl *adz*)
 109. *Chlorophyll aez* (Chl *aez*)
 110. *Chlorophyll afz* (Chl *afz*)
 111. *Chlorophyll agz* (Chl *agz*)
 112. *Chlorophyll ahz* (Chl *ahz*)
 113. *Chlorophyll aiz* (Chl *aiz*)
 114. *Chlorophyll ajz* (Chl *ajz*)
 115. *Chlorophyll akz* (Chl *akz*)
 116. *Chlorophyll alz* (Chl *alz*)
 117. *Chlorophyll amz* (Chl *amz*)
 118. *Chlorophyll anz* (Chl *anz*)
 119. *Chlorophyll aoz* (Chl *aoz*)
 120. *Chlorophyll apz* (Chl *apz*)
 121. *Chlorophyll aqz* (Chl *aqz*)
 122. *Chlorophyll arz* (Chl *arz*)
 123. *Chlorophyll asz* (Chl *asz*)
 124. *Chlorophyll atz* (Chl *atz*)
 125. *Chlorophyll auz* (Chl *auz*)
 126. *Chlorophyll avz* (Chl *avz*)
 127. *Chlorophyll awz* (Chl *awz*)
 128. *Chlorophyll axz* (Chl *axz*)
 129. *Chlorophyll ayz* (Chl *ayz*)
 130. *Chlorophyll azz* (Chl *azz*)
 131. *Chlorophyll azaa* (Chl *aza*
 132. *Chlorophyll abz* (Chl *abz*)
 133. *Chlor*

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USAFETAC

| STATION | STATION NAME | YEAR | MONTH | HOURS |
|---------|--------------|------|-------|-------|
| | | | | |

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USAFETAL

PSYCHROMETRIC SUMMARY

MONITOR

MOLES . . . 5

| Time | WET BULB TEMPERATURE DEPRESSION (°F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|------|--------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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As a result of the above, the following is suggested as a possible explanation for the observed differences in the two groups. The first group, which was not exposed to the high temperature, may have been able to maintain a normal level of glucose in the blood by increasing the rate of glucose release from the liver. The second group, which was exposed to the high temperature, may have been unable to do so, and therefore the glucose in the blood fell.

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the 1990s, the number of people in the United States who are 65 years of age or older has increased by 50% (U.S. Census Bureau, 1997). The number of people aged 65 and older is projected to increase to 20% of the total population by the year 2020 (U.S. Census Bureau, 1997). The increase in the number of people aged 65 and older is expected to be even more dramatic in the Asian American population. The number of Asian Americans aged 65 and older is projected to increase by 100% by the year 2020 (U.S. Census Bureau, 1997). The increase in the number of people aged 65 and older is expected to be even more dramatic in the Asian American population. The number of Asian Americans aged 65 and older is projected to increase by 100% by the year 2020 (U.S. Census Bureau, 1997).

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100%

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1. *Pharmaceuticals*—The pharmaceutical industry is the largest and most profitable of the four industries. It has the highest gross profit margin, followed by the chemical industry. The pharmaceutical industry is also the most heavily regulated of the four industries, with the highest number of FDA approvals and the highest number of FDA recalls.

✓ 1 AUG 83

MONTE

HOLES

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MEMPHIS

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MON' 11

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| Time | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|----------|----------|-----------|----|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | </ | |

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| Temp
°F | WET BULB TEMPERATURE DEPRESSION (°F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|------------|--------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------|----------|----------|-----------|--|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| STATE | STATE OR NAME | YEARS | MONTH |
|-------|----------------|-------|-------|
| AL | ALABAMA | 1960 | 1 |
| AK | ALASKA | 1960 | 1 |
| AR | ARKANSAS | 1960 | 1 |
| CA | CALIFORNIA | 1960 | 1 |
| CO | COLORADO | 1960 | 1 |
| CT | CONNECTICUT | 1960 | 1 |
| DE | DELAWARE | 1960 | 1 |
| FL | FLORIDA | 1960 | 1 |
| GA | GEORGIA | 1960 | 1 |
| HI | HAWAII | 1960 | 1 |
| ID | IDaho | 1960 | 1 |
| IL | ILLINOIS | 1960 | 1 |
| IN | INDIANA | 1960 | 1 |
| IA | IAHWA | 1960 | 1 |
| KS | KANSAS | 1960 | 1 |
| KY | KENTUCKY | 1960 | 1 |
| LA | LOUISIANA | 1960 | 1 |
| MA | MASSACHUSETTS | 1960 | 1 |
| MD | MARYLAND | 1960 | 1 |
| ME | MAINE | 1960 | 1 |
| MI | MICHIGAN | 1960 | 1 |
| MN | MINNESOTA | 1960 | 1 |
| MO | MISSOURI | 1960 | 1 |
| MS | MISSISSIPPI | 1960 | 1 |
| MT | MONTANA | 1960 | 1 |
| NE | NEBRASKA | 1960 | 1 |
| NH | NEW HAMPSHIRE | 1960 | 1 |
| NJ | NEW JERSEY | 1960 | 1 |
| NM | NEW MEXICO | 1960 | 1 |
| NY | NEW YORK | 1960 | 1 |
| OH | OHIO | 1960 | 1 |
| OK | OKLAHOMA | 1960 | 1 |
| OR | OREGON | 1960 | 1 |
| PA | PENNSYLVANIA | 1960 | 1 |
| RI | RHODE ISLAND | 1960 | 1 |
| SC | SOUTH CAROLINA | 1960 | 1 |
| SD | SOUTH DAKOTA | 1960 | 1 |
| SH | SHRIMP | 1960 | 1 |
| SI | SOUTH ISLAND | 1960 | 1 |
| SN | SOUTH NORTHERN | 1960 | 1 |
| SP | SOUTH PAKISTAN | 1960 | 1 |
| ST | SOUTH TEXAS | 1960 | 1 |
| SW | SOUTH WEST | 1960 | 1 |
| TA | TAMPA | 1960 | 1 |
| TE | TEXAS | 1960 | 1 |
| TH | THOMAS | 1960 | 1 |
| TI | TIMOTHY | 1960 | 1 |
| TO | TOMAS | 1960 | 1 |
| TR | TRINIDAD | 1960 | 1 |
| TS | TIMOTHY | 1960 | 1 |
| TX | TEXAS | 1960 | 1 |
| UT | UTAH | 1960 | 1 |
| VA | VIRGINIA | 1960 | 1 |
| VI | VIRGINIA | 1960 | 1 |
| VT | VERMONT | 1960 | 1 |
| WA | WASHINGTON | 1960 | 1 |
| WI | WISCONSIN | 1960 | 1 |
| WV | WEST VIRGINIA | 1960 | 1 |
| WY | WYOMING | 1960 | 1 |

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450

| Time | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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ANONIMIZACIJA

1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 26

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PSYCHROMETRIC SUMMARY

21488

MONDAY

1994

| Time | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
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| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | |
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| Temp | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
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| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 34 | | | | | | | | | | | </ | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

9 * A * Our Name

2024

NO. 3 3

[illegible]

| STATE | STATE OR NAME | YEARS | MONTH | HOURS |
|-------|---------------|-------|-------|-------|
| | | | | |

| Time | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|-------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| STATE | STATE OR NAME | YEARS | MONTH |
|-------|----------------|-------|-------|
| 1 | ALABAMA | 1960 | 1 |
| 2 | ALASKA | 1960 | 1 |
| 3 | ARIZONA | 1960 | 1 |
| 4 | ARKANSAS | 1960 | 1 |
| 5 | CALIFORNIA | 1960 | 1 |
| 6 | COLORADO | 1960 | 1 |
| 7 | CONNECTICUT | 1960 | 1 |
| 8 | DELAWARE | 1960 | 1 |
| 9 | FLORIDA | 1960 | 1 |
| 10 | GEORGIA | 1960 | 1 |
| 11 | ILLINOIS | 1960 | 1 |
| 12 | INDIANA | 1960 | 1 |
| 13 | IOWA | 1960 | 1 |
| 14 | KANSAS | 1960 | 1 |
| 15 | KENTUCKY | 1960 | 1 |
| 16 | LOUISIANA | 1960 | 1 |
| 17 | MAINE | 1960 | 1 |
| 18 | MARYLAND | 1960 | 1 |
| 19 | MASSACHUSETTS | 1960 | 1 |
| 20 | MICHIGAN | 1960 | 1 |
| 21 | MINNESOTA | 1960 | 1 |
| 22 | MISSISSIPPI | 1960 | 1 |
| 23 | MISSOURI | 1960 | 1 |
| 24 | MONTANA | 1960 | 1 |
| 25 | NEBRASKA | 1960 | 1 |
| 26 | NEVADA | 1960 | 1 |
| 27 | NEW HAMPSHIRE | 1960 | 1 |
| 28 | NEW JERSEY | 1960 | 1 |
| 29 | NEW YORK | 1960 | 1 |
| 30 | NORTH CAROLINA | 1960 | 1 |
| 31 | NORTH DAKOTA | 1960 | 1 |
| 32 | OHIO | 1960 | 1 |
| 33 | OKLAHOMA | 1960 | 1 |
| 34 | OREGON | 1960 | 1 |
| 35 | PENNSYLVANIA | 1960 | 1 |
| 36 | RHODE ISLAND | 1960 | 1 |
| 37 | SOUTH CAROLINA | 1960 | 1 |
| 38 | SOUTH DAKOTA | 1960 | 1 |
| 39 | TENNESSEE | 1960 | 1 |
| 40 | TEXAS | 1960 | 1 |
| 41 | UTAH | 1960 | 1 |
| 42 | VERMONT | 1960 | 1 |
| 43 | VIRGINIA | 1960 | 1 |
| 44 | WASHINGTON | 1960 | 1 |
| 45 | WEST VIRGINIA | 1960 | 1 |
| 46 | WISCONSIN | 1960 | 1 |
| 47 | WYOMING | 1960 | 1 |
| 48 | ALABAMA | 1960 | 1 |
| 49 | ALASKA | 1960 | 1 |
| 50 | ARIZONA | 1960 | 1 |
| 51 | ARKANSAS | 1960 | 1 |
| 52 | CALIFORNIA | 1960 | 1 |
| 53 | COLORADO | 1960 | 1 |
| 54 | CONNECTICUT | 1960 | 1 |
| 55 | DELAWARE | 1960 | 1 |
| 56 | FLORIDA | 1960 | 1 |
| 57 | GEORGIA | 1960 | 1 |
| 58 | ILLINOIS | 1960 | 1 |
| 59 | INDIANA | 1960 | 1 |
| 60 | IOWA | 1960 | 1 |
| 61 | KANSAS | 1960 | 1 |
| 62 | KENTUCKY | 1960 | 1 |
| 63 | LOUISIANA | 1960 | 1 |
| 64 | MAINE | 1960 | 1 |
| 65 | MARYLAND | 1960 | 1 |
| 66 | MASSACHUSETTS | 1960 | 1 |
| 67 | MICHIGAN | 1960 | 1 |
| 68 | MINNESOTA | 1960 | 1 |
| 69 | MISSISSIPPI | 1960 | 1 |
| 70 | MISSOURI | 1960 | 1 |
| 71 | MONTANA | 1960 | 1 |
| 72 | NEBRASKA | 1960 | 1 |
| 73 | NEVADA | 1960 | 1 |
| 74 | NEW HAMPSHIRE | 1960 | 1 |
| 75 | NEW JERSEY | 1960 | 1 |
| 76 | NEW YORK | 1960 | 1 |
| 77 | NORTH CAROLINA | 1960 | 1 |
| 78 | NORTH DAKOTA | 1960 | 1 |
| 79 | OHIO | 1960 | 1 |
| 80 | OKLAHOMA | 1960 | 1 |
| 81 | OREGON | 1960 | 1 |
| 82 | PENNSYLVANIA | 1960 | 1 |
| 83 | RHODE ISLAND | 1960 | 1 |
| 84 | SOUTH CAROLINA | 1960 | 1 |
| 85 | SOUTH DAKOTA | 1960 | 1 |
| 86 | TENNESSEE | 1960 | 1 |
| 87 | TEXAS | 1960 | 1 |
| 88 | UTAH | 1960 | 1 |
| 89 | VERMONT | 1960 | 1 |
| 90 | VIRGINIA | 1960 | 1 |
| 91 | WASHINGTON | 1960 | 1 |
| 92 | WEST VIRGINIA | 1960 | 1 |
| 93 | WISCONSIN | 1960 | 1 |
| 94 | WYOMING | 1960 | 1 |
| 95 | ALABAMA | 1960 | 1 |
| 96 | ALASKA | 1960 | 1 |
| 97 | ARIZONA | 1960 | 1 |
| 98 | ARKANSAS | 1960 | 1 |
| 99 | CALIFORNIA | | |

| Time | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
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| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B., W.B., Dry Bulb | Wet Bulb | Dew Point | |
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| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 26

[illegible]

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 1 | STATION 1 | 1950 | 1 |
| 2 | STATION 2 | 1951 | 2 |
| 3 | STATION 3 | 1952 | 3 |
| 4 | STATION 4 | 1953 | 4 |
| 5 | STATION 5 | 1954 | 5 |
| 6 | STATION 6 | 1955 | 6 |
| 7 | STATION 7 | 1956 | 7 |
| 8 | STATION 8 | 1957 | 8 |
| 9 | STATION 9 | 1958 | 9 |
| 10 | STATION 10 | 1959 | 10 |
| 11 | STATION 11 | 1960 | 11 |
| 12 | STATION 12 | 1961 | 12 |
| 13 | STATION 13 | 1962 | 1 |
| 14 | STATION 14 | 1963 | 2 |
| 15 | STATION 15 | 1964 | 3 |
| 16 | STATION 16 | 1965 | 4 |
| 17 | STATION 17 | 1966 | 5 |
| 18 | STATION 18 | 1967 | 6 |
| 19 | STATION 19 | 1968 | 7 |
| 20 | STATION 20 | 1969 | 8 |
| 21 | STATION 21 | 1970 | 9 |
| 22 | STATION 22 | 1971 | 10 |
| 23 | STATION 23 | 1972 | 11 |
| 24 | STATION 24 | 1973 | 12 |
| 25 | STATION 25 | 1974 | 1 |
| 26 | STATION 26 | 1975 | 2 |
| 27 | STATION 27 | 1976 | 3 |
| 28 | STATION 28 | 1977 | 4 |
| 29 | STATION 29 | 1978 | 5 |
| 30 | STATION 30 | 1979 | 6 |
| 31 | STATION 31 | 1980 | 7 |
| 32 | STATION 32 | 1981 | 8 |
| 33 | STATION 33 | 1982 | 9 |
| 34 | STATION 34 | 1983 | 10 |
| 35 | STATION 35 | 1984 | 11 |
| 36 | STATION 36 | 1985 | 12 |
| 37 | STATION 37 | 1986 | 1 |
| 38 | STATION 38 | 1987 | 2 |
| 39 | STATION 39 | 1988 | 3 |
| 40 | STATION 40 | 1989 | 4 |
| 41 | STATION 41 | 1990 | 5 |
| 42 | STATION 42 | 1991 | 6 |
| 43 | STATION 43 | 1992 | 7 |
| 44 | STATION 44 | 1993 | 8 |
| 45 | STATION 45 | 1994 | 9 |
| 46 | STATION 46 | 1995 | 10 |
| 47 | STATION 47 | 1996 | 11 |
| 48 | STATION 48 | 1997 | 12 |
| 49 | STATION 49 | 1998 | 1 |
| 50 | STATION 50 | 1999 | 2 |
| 51 | STATION 51 | 2000 | 3 |
| 52 | STATION 52 | 2001 | 4 |
| 53 | STATION 53 | 2002 | 5 |
| 54 | STATION 54 | 2003 | 6 |
| 55 | STATION 55 | 2004 | 7 |
| 56 | STATION 56 | 2005 | 8 |
| 57 | STATION 57 | 2006 | 9 |
| 58 | STATION 58 | 2007 | 10 |
| 59 | STATION 59 | 2008 | 11 |
| 60 | STATION 60 | 2009 | 12 |
| 61 | STATION 61 | 2010 | 1 |
| 62 | STATION 62 | 2011 | 2 |
| 63 | STATION 63 | 2012 | 3 |
| 64 | STATION 64 | 2013 | 4 |
| 65 | STATION 65 | 2014 | 5 |
| 66 | STATION 66 | 2015 | 6 |
| 67 | STATION 67 | 2016 | 7 |
| 68 | STATION 68 | 2017 | 8 |
| 69 | STATION 69 | 2018 | 9 |
| 70 | STATION 70 | 2019 | 10 |
| 71 | STATION 71 | 2020 | 11 |
| 72 | STATION 72 | 2021 | 12 |
| 73 | STATION 73 | 2022 | 1 |
| 74 | STATION 74 | 2023 | 2 |
| 75 | STATION 75 | 2024 | 3 |
| 76 | STATION 76 | 2025 | 4 |
| 77 | STATION 77 | 2026 | 5 |
| 78 | STATION 78 | 2027 | 6 |
| 79 | STATION 79 | 2028 | 7 |
| 80 | STATION 80 | 2029 | 8 |
| 81 | STATION 81 | 2030 | 9 |
| 82 | STATION 82 | 2031 | 10 |
| 83 | STATION 83 | 2032 | 11 |
| 84 | STATION 84 | 2033 | 12 |
| 85 | STATION 85 | 2034 | 1 |
| 86 | STATION 86 | 2035 | 2 |
| 87 | STATION 87 | 2036 | 3 |
| 88 | STATION 88 | 2037 | 4 |
| 89 | STATION 89 | 2038 | 5 |
| 90 | STATION 90 | 2039 | 6 |
| 91 | STATION 91 | 2040 | 7 |
| 92 | STATION 92 | 2041 | 8 |
| 93 | STATION 93 | 2042 | 9 |
| 94 | STATION 94 | 2043 | 10 |

[illegible]

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

MGM 700

• • •

TOTAL

TOTAL

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 D.B. - W.B. Dry Bulb Wet Bulb Dew Point

[illegible][illegible]

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| MOBILE | MOBILE | 1960 | 1 |
| MOBILE | MOBILE | 1961 | 1 |
| MOBILE | MOBILE | 1962 | 1 |
| MOBILE | MOBILE | 1963 | 1 |
| MOBILE | MOBILE | 1964 | 1 |
| MOBILE | MOBILE | 1965 | 1 |
| MOBILE | MOBILE | 1966 | 1 |
| MOBILE | MOBILE | 1967 | 1 |
| MOBILE | MOBILE | 1968 | 1 |
| MOBILE | MOBILE | 1969 | 1 |
| MOBILE | MOBILE | 1970 | 1 |
| MOBILE | MOBILE | 1971 | 1 |
| MOBILE | MOBILE | 1972 | 1 |
| MOBILE | MOBILE | 1973 | 1 |
| MOBILE | MOBILE | 1974 | 1 |
| MOBILE | MOBILE | 1975 | 1 |
| MOBILE | MOBILE | 1976 | 1 |
| MOBILE | MOBILE | 1977 | 1 |
| MOBILE | MOBILE | 1978 | 1 |
| MOBILE | MOBILE | 1979 | 1 |
| MOBILE | MOBILE | 1980 | 1 |
| MOBILE | MOBILE | 1981 | 1 |
| MOBILE | MOBILE | 1982 | 1 |
| MOBILE | MOBILE | 1983 | 1 |
| MOBILE | MOBILE | 1984 | 1 |
| MOBILE | MOBILE | 1985 | 1 |
| MOBILE | MOBILE | 1986 | 1 |
| MOBILE | MOBILE | 1987 | 1 |
| MOBILE | MOBILE | 1988 | 1 |
| MOBILE | MOBILE | 1989 | 1 |
| MOBILE | MOBILE | 1990 | 1 |
| MOBILE | MOBILE | 1991 | 1 |
| MOBILE | MOBILE | 1992 | 1 |
| MOBILE | MOBILE | 1993 | 1 |
| MOBILE | MOBILE | 1994 | 1 |
| MOBILE | MOBILE | 1995 | 1 |
| MOBILE | MOBILE | 1996 | 1 |
| MOBILE | MOBILE | 1997 | 1 |
| MOBILE | MOBILE | 1998 | 1 |
| MOBILE | MOBILE | 1999 | 1 |
| MOBILE | MOBILE | 2000 | 1 |
| MOBILE | MOBILE | 2001 | 1 |
| MOBILE | MOBILE | 2002 | 1 |
| MOBILE | MOBILE | 2003 | 1 |
| MOBILE | MOBILE | 2004 | 1 |
| MOBILE | MOBILE | 2005 | 1 |
| MOBILE | MOBILE | 2006 | 1 |
| MOBILE | MOBILE | 2007 | 1 |
| MOBILE | MOBILE | 2008 | 1 |
| MOBILE | MOBILE | 2009 | 1 |
| MOBILE | MOBILE | 2010 | 1 |
| MOBILE | MOBILE | 2011 | 1 |
| MOBILE | MOBILE | 2012 | 1 |
| MOBILE | MOBILE | 2013 | 1 |
| MOBILE | MOBILE | 2014 | 1 |
| MOBILE | MOBILE | 2015 | 1 |
| MOBILE | MOBILE | 2016 | 1 |
| MOBILE | MOBILE | 2017 | 1 |
| MOBILE | MOBILE | 2018 | 1 |
| MOBILE | MOBILE | 2019 | 1 |
| MOBILE | MOBILE | 2020 | 1 |
| MOBILE | MOBILE | 2021 | 1 |
| MOBILE | MOBILE | 2022 | 1 |
| MOBILE | MOBILE | 2023 | 1 |
| MOBILE | MOBILE | 2024 | 1 |
| MOBILE | MOBILE | 2025 | 1 |
| MOBILE | MOBILE | 2026 | 1 |
| MOBILE | MOBILE | 2027 | 1 |
| MOBILE | MOBILE | 2028 | 1 |
| MOBILE | MOBILE | 2029 | 1 |
| MOBILE | MOBILE | 2030 | 1 |
| MOBILE | MOBILE | 2031 | 1 |
| MOBILE | MOBILE | 2032 | 1 |
| MOBILE | MOBILE | 2033 | 1 |
| MOBILE | MOBILE | 2034 | 1 |
| MOBILE | MOBILE | 2035 | 1 |
| MOBILE | MOBILE | 2036 | 1 |
| MOBILE | MOBILE | 2037 | 1 |
| MOBILE | MOBILE | 2038 | 1 |
| MOBILE | MOBILE | 2039 | 1 |
| MOBILE | MOBILE | 2040 | 1 |
| MOBILE | MOBILE | 2041 | 1 |
| MOBILE | MOBILE | 2042 | 1 |
| MOBILE | MOBILE | 2043 | 1 |
| MOBILE | MOBILE | 2044 | 1 |
| MOBILE | MOBILE | 2045 | 1 |
| MOBILE | MOBILE | 2046 | 1 |
| MOBILE | MOBILE | 2047 | 1 |
| MOBILE | MOBILE | 2048 | 1 |
| MOBILE | MOBILE | 2049 | 1 |
| MOBILE | MOBILE | 2050 | 1 |
| MOBILE | MOBILE | 2051 | 1 |
| MOBILE | MOBILE | 2052 | 1 |
| MOBILE | MOBILE | 2053 | 1 |
| MOBILE | MOBILE | 2054 | 1 |
| MOBILE | MOBILE | 2055 | 1 |
| MOBILE | MOBILE | 2056 | 1 |
| MOBILE | MOBILE | 2057 | 1 |
| MOBILE | MOBILE | 2058 | 1 |
| MOBILE | MOBILE | 2059 | 1 |
| MOBILE | MOBILE | 2060 | 1 |

[illegible]

[illegible]

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[illegible]

| STATE | STATE OR COUNTY | YEARS | MOYERS |
|---------|-----------------|-----------|-----------|
| ALABAMA | ALABAMA | 1960-1969 | 1960-1969 |
| ALABAMA | ALABAMA | 1970-1979 | 1970-1979 |
| ALABAMA | ALABAMA | 1980-1989 | 1980-1989 |
| ALABAMA | ALABAMA | 1990-1999 | 1990-1999 |
| ALABAMA | ALABAMA | 2000-2009 | 2000-2009 |
| ALABAMA | ALABAMA | 2010-2019 | 2010-2019 |
| ALABAMA | ALABAMA | 2020-2029 | 2020-2029 |
| ALABAMA | ALABAMA | 2030-2039 | 2030-2039 |
| ALABAMA | ALABAMA | 2040-2049 | 2040-2049 |
| ALABAMA | ALABAMA | 2050-2059 | 2050-2059 |
| ALABAMA | ALABAMA | 2060-2069 | 2060-2069 |
| ALABAMA | ALABAMA | 2070-2079 | 2070-2079 |
| ALABAMA | ALABAMA | 2080-2089 | 2080-2089 |
| ALABAMA | ALABAMA | 2090-2099 | 2090-2099 |
| ALABAMA | ALABAMA | 2100-2109 | 2100-2109 |
| ALABAMA | ALABAMA | 2110-2119 | 2110-2119 |
| ALABAMA | ALABAMA | 2120-2129 | 2120-2129 |
| ALABAMA | ALABAMA | 2130-2139 | 2130-2139 |
| ALABAMA | ALABAMA | 2140-2149 | 2140-2149 |
| ALABAMA | ALABAMA | 2150-2159 | 2150-2159 |
| ALABAMA | ALABAMA | 2160-2169 | 2160-2169 |
| ALABAMA | ALABAMA | 2170-2179 | 2170-2179 |
| ALABAMA | ALABAMA | 2180-2189 | 2180-2189 |
| ALABAMA | ALABAMA | 2190-2199 | 2190-2199 |
| ALABAMA | ALABAMA | 2200-2209 | 2200-2209 |
| ALABAMA | ALABAMA | 2210-2219 | 2210-2219 |
| ALABAMA | ALABAMA | 2220-2229 | 2220-2229 |
| ALABAMA | ALABAMA | 2230-2239 | 2230-2239 |
| ALABAMA | ALABAMA | 2240-2249 | 2240-2249 |
| ALABAMA | ALABAMA | 2250-2259 | 2250-2259 |
| ALABAMA | ALABAMA | 2260-2269 | 2260-2269 |
| ALABAMA | ALABAMA | 2270-2279 | 2270-2279 |
| ALABAMA | ALABAMA | 2280-2289 | 2280-2289 |
| ALABAMA | ALABAMA | 2290-2299 | 2290-2299 |
| ALABAMA | ALABAMA | 2300-2309 | 2300-2309 |
| ALABAMA | ALABAMA | 2310-2319 | 2310-2319 |
| ALABAMA | ALABAMA | 2320-2329 | 2320-2329 |
| ALABAMA | ALABAMA | 2330-2339 | 2330-2339 |
| ALABAMA | ALABAMA | 2340-2349 | 2340-2349 |
| ALABAMA | ALABAMA | 2350-2359 | 2350-2359 |
| ALABAMA | ALABAMA | 2360-2369 | 2360-2369 |
| ALABAMA | ALABAMA | 2370-2379 | 2370-2379 |
| ALABAMA | ALABAMA | 2380-2389 | 2380-2389 |
| ALABAMA | ALABAMA | 2390-2399 | 2390-2399 |
| ALABAMA | ALABAMA | 2400-2409 | 2400-2409 |
| ALABAMA | ALABAMA | 2410-2419 | 2410-2419 |
| ALABAMA | ALABAMA | 2420-2429 | 2420-2429 |
| ALABAMA | ALABAMA | 2430-2439 | 2430-2439 |
| ALABAMA | ALABAMA | 2440-2449 | 2440-2449 |
| ALABAMA | ALABAMA | 2450-2459 | 2450-2459 |
| ALABAMA | ALABAMA | 2460-2469 | 2460-2469 |
| ALABAMA | ALABAMA | 2470-2479 | 2470-2479 |
| ALABAMA | ALABAMA | 2480-2489 | 2480-2489 |
| ALABAMA | ALABAMA | 2490-2499 | 2490-2499 |
| ALABAMA | ALABAMA | 2500-2509 | 2500-2509 |
| ALABAMA | ALABAMA | 2510-2519 | 2510-2519 |
| ALABAMA | ALABAMA | 2520-2529 | 2520-2529 |
| ALABAMA | ALABAMA | 2530-2539 | 2530-2539 |
| ALABAMA | ALABAMA | 2540-2549 | 2540-2549 |
| ALABAMA | ALABAMA | 2550-2559 | 2550-2559 |
| ALABAMA | ALABAMA | 2560-2569 | 2560-2569 |
| ALABAMA | ALABAMA | 2570-2579 | 2570-2579 |
| ALABAMA | ALABAMA | 2580-2589 | 2580-2589 |
| ALABAMA | ALABAMA | 2590-2599 | 2590-2599 |
| ALABAMA | ALABAMA | 2600-2609 | 2600-2609 |
| ALABAMA | ALABAMA | 2610-2619 | 2610-2619 |
| ALABAMA | ALABAMA | 2620-2629 | 2620-2629 |
| ALABAMA | ALABAMA | 2630-2639 | 2630-2639 |
| ALABAMA | ALABAMA | 2640-2649 | 2640-2649 |
| ALABAMA | ALABAMA | 2650-2659 | 2650-2659 |
| ALABAMA | ALABAMA | 2660-2669 | 2660-2669 |
| ALABAMA | ALABAMA | 2670-2679 | 2670-2679 |
| ALABAMA | ALABAMA | 2680-2689 | 2680-2689 |
| ALABAMA | ALABAMA | 26 | |

[illegible]

1. The first group of people who are interested in the results of the study are the researchers themselves. They want to know if the study was successful in achieving its objectives and if the results are consistent with their expectations.

MON 10

USAPPA

PSYCHROMETRIC SUMMARY

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NO 11 5 . 5 7

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USAFETA

RESEARCH

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PSYCHROMETRIC SUMMARY

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| Time | WET BULB TEMPERATURE DEPRESSION (°F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|------|--------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------------------------|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. Wet Bulb Dew Point | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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1. 1990年12月25日，俄罗斯联邦宣布独立，成为苏联解体后诞生的第一个独立国家。

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| STATE | STATE OR NAME | YEARS | MONTH | HOURS |
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PSYCHROMETRIC SUMMARY

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1. The first group of people who are likely to be affected by the proposed changes are those who are currently employed in the public sector. This group includes all civil servants, police officers, and members of the armed forces. They are likely to be affected because the proposed changes will affect the way in which they are paid and the way in which they are managed.

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PSYCHROMETRIC SUMMARY

Figure 1

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YEARS

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| STATE | STATE NAME | YEARS | MONTH | HOURS |
|-------|----------------|-------|-------|-------|
| AL | ALABAMA | 1960 | 1 | 1 |
| AK | ALASKA | 1960 | 1 | 1 |
| AR | ARKANSAS | 1960 | 1 | 1 |
| CA | CALIFORNIA | 1960 | 1 | 1 |
| CO | COLORADO | 1960 | 1 | 1 |
| CT | CONNECTICUT | 1960 | 1 | 1 |
| DE | DELAWARE | 1960 | 1 | 1 |
| FL | FLORIDA | 1960 | 1 | 1 |
| GA | GEORGIA | 1960 | 1 | 1 |
| HI | HAWAII | 1960 | 1 | 1 |
| IL | ILLINOIS | 1960 | 1 | 1 |
| IN | INDIANA | 1960 | 1 | 1 |
| IO | IOWA | 1960 | 1 | 1 |
| KS | KANSAS | 1960 | 1 | 1 |
| KY | KENTUCKY | 1960 | 1 | 1 |
| LA | LOUISIANA | 1960 | 1 | 1 |
| MA | MASSACHUSETTS | 1960 | 1 | 1 |
| MD | MARYLAND | 1960 | 1 | 1 |
| ME | MAINE | 1960 | 1 | 1 |
| MI | MICHIGAN | 1960 | 1 | 1 |
| MINN | MINNESOTA | 1960 | 1 | 1 |
| MISS | MISSISSIPPI | 1960 | 1 | 1 |
| MO | MISSOURI | 1960 | 1 | 1 |
| MT | MONTANA | 1960 | 1 | 1 |
| NE | NEBRASKA | 1960 | 1 | 1 |
| NH | NEW HAMPSHIRE | 1960 | 1 | 1 |
| NJ | NEW JERSEY | 1960 | 1 | 1 |
| NM | NEW MEXICO | 1960 | 1 | 1 |
| NY | NEW YORK | 1960 | 1 | 1 |
| OH | OHIO | 1960 | 1 | 1 |
| OK | OKLAHOMA | 1960 | 1 | 1 |
| OR | OREGON | 1960 | 1 | 1 |
| PA | PENNSYLVANIA | 1960 | 1 | 1 |
| RI | RHODE ISLAND | 1960 | 1 | 1 |
| SC | SOUTH CAROLINA | 1960 | 1 | 1 |
| SD | SOUTH DAKOTA | 1960 | 1 | 1 |
| TN | TENNESSEE | 1960 | 1 | 1 |
| TX | TEXAS | 1960 | 1 | 1 |
| UT | UTAH | 1960 | 1 | 1 |
| VA | VIRGINIA | 1960 | 1 | 1 |
| VT | VERMONT | 1960 | 1 | 1 |
| WA | WASHINGTON | 1960 | 1 | 1 |
| WI | WISCONSIN | 1960 | 1 | 1 |
| WY | WYOMING | 1960 | 1 | 1 |

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PSYCHROMETRIC SUMMARY

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|-----------|--------------|-------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH | HOURS |
| 4-15-17-1 | | | | |

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PSYCHROMETRIC SUMMARY

STATION: STATION NAME: YEARS: MONTH: HOURS:

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |
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1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

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| Temp | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
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| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | +31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | |
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| 129 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 131 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 139 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 141 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NO. 1234

| Temp | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|------------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dea- Point | |
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1. The first step is to identify the problem. This involves understanding the current situation and the goals that need to be achieved.

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1. The first step is to identify the problem. This involves understanding the current situation and what needs to be improved.

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1. The first group of authors (e.g., Berman and
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| Time | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
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| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B. Wet Bulb | Dry Bulb Dew Point | | |
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| Time | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
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| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B. Wet Bulb | Dew Point | |
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PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTHS | HOURS |
|---------|--------------|-------|--------|-------|
| 1 | 1 | 1 | 1 | 1 |
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| 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 |
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| 85 | 85 | 85 | 85 | 85 |
| 86 | 86 | 86 | 86 | 86 |
| 87 | 87 | 87 | 87 | |

[illegible]

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

D.B. W.B. Dry Bulb Wet Bulb Dew Point

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[illegible]

MAGNET

[illegible]

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MOORE

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THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637

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YEARS

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1. 1990年12月29日，国务院批准成立中国有色金属工业总公司，统一管理全国有色金属工业。

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 2. $\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$ 3. $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$ 4. $\frac{1}{2} \times \frac{1}{8} = \frac{1}{16}$ 5. $\frac{1}{4} \times \frac{1}{8} = \frac{1}{32}$ 6. $\frac{1}{8} \times \frac{1}{8} = \frac{1}{64}$

[illegible]

1. *Aluminum*—Aluminum is a soft, ductile metal that is highly resistant to corrosion. It is used in a wide variety of applications, including aircraft, automotive parts, and building materials.

[illegible]

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1993

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| STATION | STATION NAME | FEARS | MONTH | HOURS |
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1. 1990年12月15日，在“九七”香港回归前，香港各界人士纷纷发表文章，就香港前途问题提出自己的看法。

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HOUS : 5

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U. S. AIR FORCE
 WASHINGTON, D. C.
 20330

CEILING VERSUS VISIBILITY

STATION: WALLA WALLA, WASH.

DATE: 17-51

TIME: 0000

FILE: 240

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

FORM 7-55

OF (NUMBER OF HOURS)

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| 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 63.0 | 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 64.0 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 65.0 | 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.1 | 100.2 | 100.3 | 100.4 | 100.5 | 100.6 | 100.7 | 100.8 | 100.9 | 101.0 | 101.1 | 101.2 | 101.3 | 101.4 | 101.5 | 101.6 | 101.7 | 101.8 | 101.9 | 102.0 | 102.1 | 102.2 | 102.3 | 102.4 | 102.5 | 102.6 | 102.7 | 102.8 | 102.9 | 103.0 | 103.1 | 103.2 | 103.3 | 103.4 | 103.5 | 103.6 | 103.7 | 103.8 | 103.9 | 104.0 | 104.1 | 104.2 | 104.3 | 104.4 | 104.5 | 104.6 | 104.7 | 104.8 | 104.9 | 105.0 | 105.1 | 105.2 | 105.3 | 105.4 | 105.5 | 105.6 | 105.7 | 105.8 | 105.9 | 106.0 | 106.1 | 106.2 | 106.3 | 106.4 | 106.5 | 106.6 | 106.7 | 106.8 | 106.9 | 107.0 | 107.1 | 107.2 | 107.3 | 107.4 | 107.5 | 107.6 | 107.7 | 107.8 | 107.9 | 108.0 | 108.1 | 108.2 | 108.3 | 108.4 | 108.5 | 108.6 | 108.7 | 108.8 | 108.9 | 109.0 | 109.1 | 109.2 | 109.3 | 109.4 | 109.5 | 109.6 | 109.7 | 109.8 | 109.9 | 110.0 | 110.1 | 110.2 | 110.3 | 110.4 | 110.5 | 110.6 | 110.7 | 110.8 | 110.9 | 111.0 | 111.1 | 111.2 | 111.3 | 111.4 | 111.5 | 111.6 | 111.7 | 111.8 | 111.9 | 112.0 | 112.1 | 112.2 | 112.3 | 112.4 | 112.5 | 112.6 | 112.7 | 112.8 | 112.9 | 113.0 | 113.1 | 113.2 | 113.3 | 113.4 | 113.5 | 113.6 | 113.7 | 113.8 | 113.9 | 114.0 | 114.1 | 114.2 | 114.3 | 114.4 | 114.5 | 114.6 | 114.7 | 114.8 | 114.9 | 115.0 | 115.1 | 115.2 | 115.3 | 115.4 | 115.5 | 115.6 | 115.7 | 115.8 | 115.9 | 116.0 | 116.1 | 116.2 | 116.3 | 116.4 | 116.5 | 116.6 | 116.7 | 116.8 | 116.9 | 117.0 | 117.1 | 117.2 | 117.3 | 117.4 | 117.5 | 117.6 | 117.7 | 117.8 | 117.9 | 118.0 | 118.1 | 118.2 | 118.3 | 118.4 | 118.5 | 118.6 | 118.7 | 118.8 | 118.9 | 119.0 | 119.1 | 119.2 | 119.3 | 119.4 | 119.5 | 119.6 | 119.7 | 119.8 | 119.9 | 120.0 | 120.1 | 120.2 | 120.3 | 120.4 | 120.5 | 120.6 | 120.7 | 120.8 | 120.9 | 121.0 | 121.1 | 121.2 | 121.3 | 121.4 | 121.5 | 121.6 | 121.7 | 121.8 | 121.9 | 122.0 | 122.1 | 122.2 | 122.3 | 122.4 | 122.5 | 122.6 | 122.7 | 122.8 | 122.9 | 123.0 | 123.1 | 123.2 | 123.3 | 123.4 | 123.5 | 123.6 | 123.7 | 123.8 | 123.9 | 124.0 | 124.1 | 124.2 | 124.3 | 124.4 | 124.5 | 124.6 | 124.7 | 124.8 | 124.9 | 125.0 | 125.1 | 125.2 | 125.3 | 125.4 | 125.5 | 125.6 | 125.7 | 125.8 | 125.9 | 126.0 | 126.1 | 126.2 | 126.3 | 126.4 | 126.5 | 126.6 | 126.7 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---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MEANS AND STANDARD DEVIATIONS

00-201 - TEMPERATURES OF F OILS FROM HOULEY, N. D. 1977

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

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| | AN. | FEB. | MAR. | APR. | MAY. | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| MEAN | 7.4 | 7.6 | 7.6 | 7.5 | 45.6 | 52.7 | 7.4 | 54.2 | 6.1 | 42.1 | 7.5 | 7.1 | 7.4 |
| S.D. | 5.57 | 5.51 | 5.447 | 5.38 | 5.184 | 5.65 | 5.585 | 5.435 | 5.454 | 6.411 | 5.54 | 5.47 | 5.57 |
| TOTAL OBS. | 144 | 132 | 134 | 118 | 174 | 181 | 123 | 173 | 154 | 103 | 124 | 117 | 1794 |
| MEAN | 7.4 | 7.7 | 7.9 | 7.9 | 48.4 | 55.4 | 74.3 | 57.1 | 1.2 | 42.5 | 75.5 | 71.4 | 71.1 |
| S.D. | 5.755 | 6.712 | 6.441 | 6.767 | 6.437 | 6.526 | 6.71 | 5.537 | 5.955 | 6.421 | 7.776 | 5.79 | 6.11 |
| TOTAL OBS. | 571 | 72 | 172 | 151 | 614 | 576 | 525 | 547 | 642 | 572 | 493 | 547 | 7254 |
| MEAN | 70.4 | 7.1 | 70.5 | 45.5 | 75.1 | 72.1 | 74.1 | 64.1 | 77.2 | 45.4 | 77.5 | 70.7 | 71.4 |
| S.D. | 5.407 | 5.413 | 5.44 | 7.718 | 7.955 | 7.805 | 7.978 | 6.941 | 7.172 | 6.401 | 7.619 | 5.754 | 7.157 |
| TOTAL OBS. | 571 | 527 | 525 | 552 | 622 | 624 | 625 | 539 | 551 | 645 | 476 | 553 | 7212 |
| MEAN | 72.1 | 71.7 | 44.1 | 47.7 | 79.6 | 70.4 | 71.4 | 61.3 | 72.1 | 51.7 | 71.5 | 74.7 | 71.4 |
| S.D. | 5.13 | 5.13 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| TOTAL OBS. | 521 | 124 | 525 | 115 | 621 | 627 | 622 | 635 | 551 | 544 | 472 | 551 | 7215 |
| MEAN | 73.7 | 74.7 | 45.1 | 47.7 | 79.6 | 76.4 | 74.7 | 69.2 | 73.5 | 51.5 | 71.1 | 74.7 | 72.4 |
| S.D. | 5.224 | 5.511 | 5.73 | 7.1 | 7.249 | 7.228 | 9.276 | 7.172 | 7.229 | 3.1 | 7.1 | 7.1 | 7.1 |
| TOTAL OBS. | 571 | 121 | 594 | 144 | 612 | 615 | 625 | 632 | 551 | 641 | 484 | 554 | 7211 |
| MEAN | 71.1 | 71.7 | 41.4 | 47.7 | 77.4 | 74.7 | 77.2 | 65.2 | 71.5 | 47.6 | 78.5 | 71.1 | 74.5 |
| S.D. | 5.1 | 5.1 | 5.535 | 7.414 | 7.875 | 7.728 | 8.742 | 7.171 | 7.491 | 6.851 | 7.1 | 7.64 | 7.1 |
| TOTAL OBS. | 471 | 472 | 116 | 118 | 474 | 558 | 121 | 552 | 154 | 554 | 184 | 551 | 5611 |
| MEAN | 71.7 | 71.4 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1 |
| TOTAL OBS. | 171 | 124 | 141 | 118 | 227 | 257 | 236 | 261 | 232 | 223 | 124 | 117 | 2462 |
| MEAN | 71.1 | 71.7 | 71.2 | 47.7 | 73.6 | 71.5 | 72.8 | 65.8 | 54.6 | 41.4 | 70.4 | 72.7 | 71.1 |
| S.D. | 5.314 | 5.51 | 5.101 | 6.942 | 7.494 | 7.458 | 7.276 | 5.76 | 5.124 | 5.511 | 5.1 | 5.67 | 7.1</ |

MEANS AND STANDARD DEVIATIONS

1. TIME: TEMPERATURES MAY BE TAKEN HOURLY OR AT VARIOUS

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

74-24

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PLATE 1

USAF ETAC FORM 0893 (OL A)

1. The first step is to identify the key components of the system. This includes understanding the hardware, software, and data involved.

• **RESEARCH** •

4-44

• 542 •

USAF ETAC FORM 0093 (OL A)
OCT 78

U.S. AIR FORCE MEDICAL CENTER
 WALTER REED
 ARMY MEDICAL SERVICE CENTER

RELATIVE HUMIDITY

WILHELMSHAGEN, GERMANY
 STATION NAME

75-76, 78-81
 PERIOD

43
 OBS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| MONTH | YEAR | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|-------|------|--|-------|-------|-------|-------|-------|-------|------|------------------------------|-------------------------|
| | | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| JAN | 75 | 100.0 | 100.0 | 100.0 | 97.0 | 87.0 | 63.0 | 39.0 | 44 | | |
| FEB | 75 | 100.0 | 100.0 | 100.0 | 98.0 | 97.0 | 85.0 | 65.7 | 271 | | |
| MAR | 75 | 100.0 | 100.0 | 100.0 | 99.0 | 95.0 | 84.0 | 71.0 | 32 | | |
| APR | 75 | 100.0 | 100.0 | 100.0 | 98.0 | 92.0 | 74.0 | 53.0 | 337 | | |
| MAY | 75 | 100.0 | 100.0 | 99.0 | 96.0 | 90.0 | 70.0 | 43.0 | 373 | | |
| JUN | 75 | 100.0 | 100.0 | 99.0 | 95.0 | 85.0 | 64.0 | 41.0 | 451 | | |
| JUL | 75 | 100.0 | 100.0 | 99.0 | 95.0 | 85.0 | 65.0 | 40.0 | 470 | | |
| AUG | 75 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 0 | | |
| SEP | 75 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 0 | | |
| OCT | 75 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 0 | | |
| NOV | 75 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 0 | | |
| DEC | 75 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 0 | | |
| TOTAL | | 100.0 | 100.0 | 100.0 | 98.0 | 95.0 | 84.0 | 64.0 | 2000 | | |

RELATIVE HUMIDITY

1. 1. 1.

[illegible]

1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 26

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| MONTH | HOURS | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NUMBER
OBS |
|--------|-------|--|-------|-------|-------|-------|-------|-------|-------|------------------------------|------------------------|
| | | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| JAN | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 85.1 | 134 |
| FEB | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 84.1 | 912 |
| MAR | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 78.7 | 811 |
| APR | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 61.0 | 810 |
| MAY | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 46.0 | 104 |
| JUN | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 33.0 | 106 |
| JUL | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 22.0 | 84 |
| AUG | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10.0 | 84 |
| SEPT | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10.0 | 84 |
| OCT | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10.0 | 84 |
| NOV | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10.0 | 84 |
| DEC | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10.0 | 84 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 78.7 | 1204 |

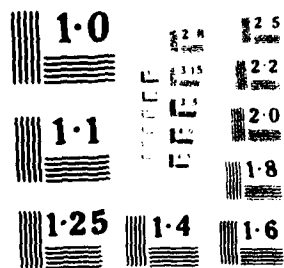
AD A147 205

ANSRACK AHP GERMANY LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LISOCs)(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. SEP 84
UNCLASSIFIED USAF/TAC/DS-84/030 SBI-AD-E850 754 F/G 4/2 NL

4/4



END
DATE
FILMED
1-85
DHY



GLOBAL CLIMATOLOGY - LAND
 USAFETAC
 AIRCRAFT SERVICE/PHL

RELATIVE HUMIDITY

STATION: ENBRACH, AFB, GERMANY
 STATION NAME

4-7, 79-8

PERIOD

1979
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
OBS | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|--------------|--|-------|-------|-------|-------|-------|-------|-------|-------|------|------------------------------|------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| 1-7 | 10 | | | | | | | | | | | | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 93.9 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 92.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 90.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 88.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 86.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 84.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 82.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 80.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 78.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 76.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 74.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 72.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 70.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 68.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 66.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 64.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 62.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 60.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 58.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 56.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 54.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 52.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 50.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 48.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 46.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 44.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 42.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 40.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 38.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 36.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 34.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 32.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 30.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 28.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 26.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 24.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 22.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 20.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 18.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 16.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 14.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 8.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 6.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 4.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 2.0 | 119 | |
| 1-7 | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 0.0 | 119 | |
| TOTALS | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 69.0 | 119 | |

U.S. AIR FORCE
 PACAF
 AT THEATRE SERVICE ZONE

RELATIVE HUMIDITY

STATION: AMERSON AFB, GERMANY
 STATION NAME

74-23

PERIOD:

4-8
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| MONTH | HOURS
OF DAY | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|-----------------|--|-------|-------|-------|-------|-------|------|------|------|------|------------------------------|------------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| 4-5 | 0-5 | | | | | | | | | | | | |
| 4-6 | 6-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 99.7 | 97.4 | 94.4 | 84.1 | 175 |
| 4-7 | 12-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 98.5 | 92.6 | 78.7 | 54.1 | 31.0 | 24.2 | 611 |
| 4-8 | 18-23 | 100.0 | 100.0 | 99.0 | 98.0 | 96.0 | 91.0 | 82.9 | 71.0 | 51.3 | 30.3 | 27.1 | 621 |
| 4-9 | 0-5 | 100.0 | 100.0 | 97.0 | 95.0 | 85.4 | 71.1 | 54.7 | 34.9 | 19.0 | 9.0 | 29.1 | 625 |
| 4-10 | 6-11 | 100.0 | 100.0 | 99.7 | 94.0 | 81.2 | 64.8 | 49.2 | 35.0 | 24.5 | 14.4 | 27.1 | 615 |
| 4-11 | 12-17 | 100.0 | 100.0 | 95.0 | 84.0 | 67.2 | 44.4 | 25.0 | 13.3 | 6.9 | 3.0 | 21.0 | 474 |
| 4-12 | 18-23 | 100.0 | 100.0 | 92.0 | 83.0 | 61.0 | 46.0 | 40.0 | 25.0 | 14.0 | 8.0 | 23.0 | 237 |
| 4-13 | 0-5 | | | | | | | | | | | | |
| 4-14 | 6-11 | | | | | | | | | | | | |
| 4-15 | 12-17 | | | | | | | | | | | | |
| 4-16 | 18-23 | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.2 | 92.7 | 79.2 | 54.2 | 42.2 | 21.1 | 12.2 | 6.2 | 24.1 | 3307 |

USAFETAC

FORM
 JUL 64

5-87-5 D1 A

GLOBAL CLIMATE MONITORING
 USAPETAC
 AIR WEATHER SERVICE/MAZ

RELATIVE HUMIDITY

STATION: 25. EACH ARE TO MANY
 STATION NAME

74-21

PERIOD

JUN
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
EST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS | |
|--------|--------------|--|----|----|----|------|------|------|------|-------|------------------------------|------------------------|------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| JUN | 1-2 | | | | | | | | | | | | |
| | 1-5 | 1 | 0 | 1 | 0 | 17.0 | 99.4 | 37.0 | 46.7 | 61.3 | 31.5 | 63.4 | 191 |
| | 6-24 | 1 | 0 | 1 | 0 | 17.0 | 99.4 | 37.0 | 46.7 | 61.3 | 31.5 | 63.4 | 676 |
| | 1-25 | 1 | 0 | 1 | 0 | 17.0 | 99.4 | 37.0 | 46.7 | 61.3 | 31.5 | 63.4 | 624 |
| | 1-31 | 1 | 0 | 1 | 0 | 17.0 | 99.4 | 37.0 | 46.7 | 61.3 | 31.5 | 63.4 | 677 |
| | 1-37 | 1 | 0 | 1 | 0 | 17.0 | 99.4 | 37.0 | 46.7 | 61.3 | 31.5 | 63.4 | 615 |
| | 1-22 | 1 | 0 | 1 | 0 | 17.0 | 99.4 | 37.0 | 46.7 | 61.3 | 31.5 | 63.4 | 519 |
| | 1-23 | 1 | 0 | 1 | 0 | 17.0 | 99.4 | 37.0 | 46.7 | 61.3 | 31.5 | 63.4 | 257 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1 | 0 | 2 | 0 | 34.0 | 97.8 | 74.0 | 93.4 | 122.6 | 63.0 | 126.8 | 3419 |

U.S. AIR FORCE METEOROLOGICAL SERVICE
 WASHINGTON, D.C. 20330
 METEOROLOGICAL SERVICE/AMC

RELATIVE HUMIDITY

STATION NAME: WASH DC METRO
 STATION NUMBER: 74-11

PERIOD:

DATE:

MONTH:

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|------------------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| JUL | 01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 03 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 04 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 07 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 09 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 13 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 15 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 16 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 18 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 19 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 21 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 22 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| | 24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 133 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3433 |

USAFETAC

FORM 1-66

5-87-5 01 A

RELATIVE HUMIDITY

AUG
1954

| MONTH | HOURS
EST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|--------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| AUG | 1-1 | | | | | | | | | | | |
| | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 98.6 | 96.7 | 77.5 | 39.3 | 87.5 | 173 |
| | 1-9 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.5 | 91.7 | 62.3 | 29.4 | 83.7 | 647 |
| | 1-11 | 100.0 | 100.0 | 100.0 | 99.2 | 97.3 | 72.0 | 47.4 | 21.9 | 5.6 | 69.7 | 639 |
| | 1-14 | 100.0 | 100.0 | 99.2 | 92.7 | 69.6 | 45.8 | 24.5 | 12.6 | 3.3 | 61.1 | 633 |
| | 1-17 | 100.0 | 100.0 | 98.1 | 85.4 | 67.6 | 38.9 | 27.0 | 9.3 | 2.7 | 57.3 | 632 |
| | 1-21 | 100.0 | 100.0 | 99.1 | 93.4 | 80.8 | 55.5 | 37.2 | 16.2 | 5.5 | 54.3 | 562 |
| | 1-23 | 100.0 | 100.0 | 97.0 | 97.0 | 94.6 | 78.5 | 59.5 | 26.1 | 11.2 | 72.8 | 26 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.6 | 95.4 | 85.3 | 69.4 | 53.2 | 32.0 | 14.7 | 71.8 | 3546 |

0-07.5 (OL A)

RELATIVE HUMIDITY

- P
SECRET

[illegible]

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

RELATIVE HUMIDITY

105-1 ANSPACH AFB GERMANY
STATION STATION NAME

74-41

PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
1-24 | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|---------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| OCT | 1-5 | | | | | | | | | | | |
| | 6-10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 99.2 | 69.9 | 92.0 | 153 |
| | 11-15 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.0 | 97.8 | 69.4 | 92.0 | 632 |
| | 16-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 97.2 | 88.7 | 69.0 | 43.0 | 85.4 | 645 |
| | 21-24 | 100.0 | 100.0 | 100.0 | 99.5 | 96.6 | 96.5 | 58.0 | 42.1 | 20.7 | 76.6 | 644 |
| | 1-5 | 100.0 | 100.0 | 100.0 | 99.0 | 96.3 | 94.2 | 63.9 | 37.7 | 19.9 | 75.2 | 64 |
| | 6-10 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 96.8 | 87.5 | 59.0 | 32.2 | 83.3 | 559 |
| | 11-15 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 93.7 | 71.3 | 40.4 | 86.8 | 423 |
| | 16-20 | | | | | | | | | | | |
| | 21-24 | | | | | | | | | | | |
| | 1-5 | | | | | | | | | | | |
| | 6-10 | | | | | | | | | | | |
| | 11-15 | | | | | | | | | | | |
| | 16-20 | | | | | | | | | | | |
| | 21-24 | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.6 | 98.9 | 95.1 | 85.5 | 65.0 | 41.6 | 84.5 | 3496 |

USAFETAC

FORM
AN 64

0-87-5 (OL A)

LOCAL CLIMATOLOGY BRANCH
 AFETAC
 AT WEATHER SERVICE/AMC

RELATIVE HUMIDITY

111 ANSBACH AMP GERMANY
 STATION NAME

74-75, 77-81

PERIOD

NOV
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
EST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|--------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-----------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| NOV | 1-30 | | | | | | | | | | | |
| | 1-7 | 100.0 | 100.0 | 100.0 | 99.2 | 99.2 | 98.4 | 94.4 | 87.1 | 54.2 | 59.7 | 124 |
| | 8-14 | 100.0 | 100.0 | 100.0 | 99.4 | 99.4 | 98.6 | 95.3 | 86.6 | 62.2 | 92.6 | 493 |
| | 15-21 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 98.2 | 93.5 | 82.3 | 43.6 | 87.8 | 496 |
| | 22-28 | 100.0 | 100.0 | 100.0 | 99.6 | 98.2 | 94.9 | 83.9 | 64.5 | 32.8 | 82.3 | 491 |
| | 29-30 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 94.9 | 85.5 | 57.3 | 33.9 | 82.6 | 489 |
| | 1-2 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 96.4 | 92.7 | 74.4 | 47.7 | 87.3 | 396 |
| | 3-27 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.6 | 85.7 | 71.4 | 43.7 | 86.0 | 126 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.7 | 99.2 | 97.3 | 92.2 | 73.9 | 46.1 | 86.7 | 2615 |

USAFETAC

FORM
 JUL 84

0-87-5-01 A

RELATIVE HUMIDITY

METHOD

DEC
MON

| MONTH | HOURS
EST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|-------|--------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 1-5 | | | | | | | | | | | |
| | 6-10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 93.2 | 71.8 | 45.3 | 26.5 | 117 |
| | 11-15 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 96.7 | 83.1 | 53.0 | 29.7 | 547 |
| | 16-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 93.7 | 76.0 | 47.2 | 27.4 | 558 |
| | 21-25 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 89.7 | 67.1 | 39.0 | 25.0 | 553 |
| | 26-30 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 97.4 | 71.8 | 39.5 | 25.5 | 539 |
| | 31-35 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 94.1 | 78.5 | 47.1 | 27.7 | 391 |
| | 36-40 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.7 | 72.6 | 43.6 | 26.1 | 117 | |
| | 41-45 | | | | | | | | | | | |
| | 46-50 | | | | | | | | | | | |
| | 51-55 | | | | | | | | | | | |
| | 56-60 | | | | | | | | | | | |
| | 61-65 | | | | | | | | | | | |
| | 66-70 | | | | | | | | | | | |
| | 71-75 | | | | | | | | | | | |
| | 76-80 | | | | | | | | | | | |
| | 81-85 | | | | | | | | | | | |
| | 86-90 | | | | | | | | | | | |
| | 91-95 | | | | | | | | | | | |
| | 96-100 | | | | | | | | | | | |
| | TOTALS | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 89.4 | 83.1 | 74.0 | 44.2 | 26.6 | 2822 |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PART :

PRESSURE SUMMARY

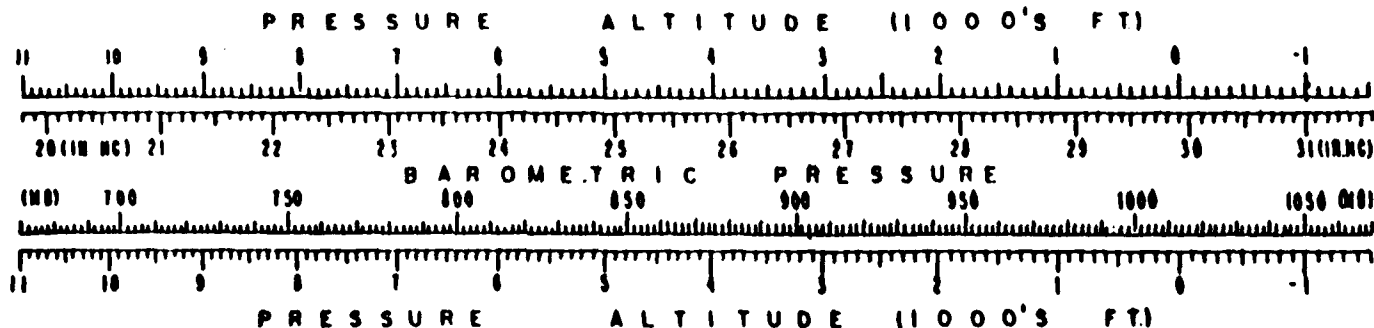
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times OCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



As a result, the model is able to capture the nonlinear relationship between the variables. The model is also able to capture the interaction between the variables. The model is also able to capture the nonlinearity of the relationship between the variables. The model is also able to capture the nonlinearity of the relationship between the variables.

.. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040

'4-24'

• • • • •

TABLE 3

USAF ETAC FORM 0-89 3 (OL A)

END

DATE
FILMED

1 - 85

DTIC